

# Table 4. Essential Characteristics of Anti-Adenovirus Hexon Monoclonal Antibodies.

| Epitope Group | BMR Cat.No | CLONE No.     | Ig Isotype | Reactivity in CELIXSYS* method (%) : Ab conc. = 1μg/mL |     |     |    |    |    |     |     |     |    |     |            |              |            |              |            |              |            |              |            |              |            |              |    | Cross-reactivity Ag-ELISA(Abs.490nm) Ab conc. = 10ug/mL |             |     | Inhibition test (%)*** |         |       |       |       |       |    |    |
|---------------|------------|---------------|------------|--|-----|-----|----|----|----|-----|-----|-----|----|-----|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|----|---|-------------|-----|------------------------|---------|-------|-------|-------|-------|----|----|
|               |            |               |            | Adenovirus serotype**                                  |     |     |    |    |    |     |     |     |    |     |            |              |            |              |            |              |            |              |            |              |            |              |    | Influenza A (H1N1)                                      | Influenza B | RSV | Conj-mAb               | Mem-mAb |       |       |       |       |    |    |
|               |            |               |            | C  |     | B   |    | E  |    | C   |     | B1  |    | D   |            | B2           |            | D            |            | A            |            | D            |            | F            |            | D            |    |   |             |     |                        |         |       |       |       |       |    |    |
| 1             | 2          | 3             | 4          | 5  | 6   | 7   | 8  | 11 | 19 | 31  | 37  | 40  | 53 | 54  | live virus | In-activated | live virus | In-activated | live virus | In-activated | live virus | In-activated | live virus | In-activated | live virus | In-activated |    |   |             |     |                        |         |       |       |       |       |    |    |
| Control       | Reference  | Conjugate mAb | IgG1       | 100  | 98  | 100 | 97 | 99 | 97 | 100 | 98  | 99  | 98 | 99  | 99         | 100          | 97         | 100          | 98         | 100          | 98         | 97           | 99         | 97           | 100        | 96           | 99 | 96  | 100         | 98  | 100                    | 98      | 0.043 | 0.041 | 0.045 | 91    | 4  |    |
|               | Reference  | Membran mAb   | IgG1       | 94   | 98  | 96  | 97 | 6  | 70 | 17  | 61  | 95  | 98 | 94  | 97         | 1            | 48         | 1            | 46         | 7            | 45         | 0            | 27         | 70           | 92         | 0            | 32 | 31  | 91          | 0   | 43                     | 0       | 45    | 0.047 | 0.050 | 0.044 | 14 | 78 |
| A             | BMRad010   | AD1-2100      | IgG2a      | 100  | 97  | 99  | 97 | 99 | 97 | 100 | 97  | 100 | 97 | 100 | 97         | 100          | 95         | 100          | 98         | 100          | 98         | 96           | 98         | 99           | 98         | 100          | 95 | 100   | 97          | 100 | 97                     | 100     | 98    | 0.042 | 0.042 | 0.040 | 98 | 26 |
|               | BMRad006   | AD1-1416      | IgG2a      | 99   | 97  | 99  | 97 | 98 | 96 | 99  | 97  | 99  | 97 | 98  | 97         | 100          | 95         | 100          | 97         | 100          | 97         | 93           | 97         | 99           | 97         | 99           | 94 | 99  | 97          | 100 | 96                     | 99      | 97    | 0.041 | 0.045 | 0.043 | 88 | 37 |
|               | BMRad011   | AD1-2294      | IgG1       | 88   | 95  | 89  | 95 | 93 | 93 | 76  | 87  | 91  | 96 | 88  | 93         | 95           | 93         | 95           | 96         | 91           | 95         | 85           | 91         | 89           | 92         | 93           | 92 | 91  | 92          | 95  | 95                     | 95      | 96    | 0.044 | 0.042 | 0.044 | 87 | 14 |
| B             | BMRad039   | AD2-1860      | IgG2b      | 100  | 84  | 100 | 86 | 99 | 81 | 100 | 83  | 99  | 85 | 99  | 76         | 100          | 80         | 100          | 85         | 100          | 82         | 97           | 84         | 100          | 85         | 100          | 79 | 100   | 80          | 100 | 82                     | 100     | 82    | 0.042 | 0.041 | 0.041 | 79 | 13 |
|               | BMRad042   | AD2-1998      | IgG2a      | 96   | 94  | 100 | 94 | 96 | 94 | 99  | 95  | 99  | 93 | 99  | 97         | 99           | 93         | 96           | 94         | 89           | 97         | 91           | 95         | 98           | 96         | 98           | 92 | 99  | 94          | 98  | 93                     | 95      | 98    | 0.041 | 0.039 | 0.039 | 30 | 98 |
|               | BMRad037   | AD2-1734      | IgG2a      | 100  | 98  | 100 | 98 | 98 | 97 | 100 | 97  | 99  | 95 | 93  | 96         | 100          | 97         | 100          | 98         | 100          | 98         | 96           | 97         | 99           | 98         | 99           | 96 | 99  | 98          | 100 | 97                     | 100     | 99    | 0.043 | 0.043 | 0.041 | 31 | 92 |
|               | BMRad036   | AD2-1718      | IgG2a      | 100  | 98  | 100 | 97 | 98 | 97 | 100 | 96  | 99  | 98 | 99  | 97         | 100          | 96         | 100          | 98         | 100          | 98         | 95           | 97         | 99           | 98         | 99           | 95 | 100   | 97          | 100 | 97                     | 100     | 98    | 0.042 | 0.042 | 0.041 | 26 | 92 |
|               | BMRad014   | AD2-87        | IgG2a      | 98   | 97  | 100 | 96 | 94 | 94 | 97  | 95  | 99  | 97 | 100 | 97         | 98           | 93         | 88           | 96         | 99           | 97         | 87           | 96         | 98           | 98         | 95           | 93 | 98  | 97          | 94  | 96                     | 85      | 96    | 0.046 | 0.052 | 0.047 | 25 | 91 |
|               | BMRad051   | AD3-1177      | IgG2a      | 100  | 97  | 100 | 97 | 81 | 91 | 87  | 93  | 99  | 97 | 98  | 97         | 84           | 91         | 92           | 96         | 92           | 96         | 80           | 92         | 97           | 97         | 78           | 89 | 95  | 96          | 86  | 93                     | 87      | 95    | 0.040 | 0.047 | 0.041 | 16 | 88 |
|               | BMRad023   | AD2-630       | IgG2a      | 97   | 98  | 99  | 96 | 98 | 95 | 100 | 95  | 99  | 97 | 97  | 96         | 100          | 96         | 98           | 97         | 100          | 97         | 94           | 97         | 99           | 98         | 99           | 94 | 99  | 97          | 99  | 95                     | 98      | 97    | 0.042 | 0.042 | 0.041 | 28 | 84 |
|               | BMRad053   | AD3-1385      | IgG2a      | 79   | 95  | 100 | 97 | 88 | 94 | 94  | 96  | 99  | 97 | 99  | 97         | 95           | 95         | 77           | 93         | 98           | 97         | 78           | 93         | 97           | 97         | 89           | 92 | 93  | 96          | 86  | 95                     | 65      | 93    | 0.040 | 0.042 | 0.040 | 11 | 81 |
|               | BMRad019   | AD2-523       | IgG2a      | 100  | 98  | 100 | 97 | 99 | 96 | 100 | 96  | 99  | 98 | 100 | 97         | 100          | 96         | 100          | 97         | 101          | 97         | 94           | 98         | 100          | 98         | 99           | 95 | 100   | 97          | 100 | 97                     | 100     | 98    | 0.041 | 0.043 | 0.041 | 20 | 77 |
|               | BMRad044   | AD2-2050      | IgG2a      | 100  | 97  | 100 | 97 | 96 | 94 | 99  | 95  | 100 | 97 | 100 | 97         | 98           | 95         | 84           | 92         | 98           | 96         | 82           | 90         | 97           | 97         | 92           | 91 | 96  | 96          | 88  | 94                     | 83      | 92    | 0.042 | 0.043 | 0.042 | 17 | 76 |
|               | BMRad009   | AD1-1651      | IgG1       | 100  | 94  | 100 | 95 | 89 | 91 | 86  | 88  | 99  | 96 | 99  | 97         | 89           | 89         | 100          | 96         | 93           | 92         | 95           | 95         | 100          | 97         | 99           | 93 | 100   | 94          | 100 | 94                     | 99      | 96    | 0.042 | 0.049 | 0.041 | 28 | 76 |
|               | BMRad013   | AD1-2566      | IgG1       | 100  | 96  | 99  | 96 | 68 | 87 | 81  | 88  | 99  | 96 | 96  | 98         | 70           | 84         | 95           | 95         | 68           | 91         | 89           | 94         | 99           | 97         | 96           | 92 | 98  | 95          | 95  | 95                     | 96      | 95    | 0.040 | 0.039 | 0.040 | 25 | 73 |
|               | BMRad027   | AD2-775       | IgG2a      | 99   | 98  | 100 | 97 | 95 | 95 | 98  | 94  | 99  | 97 | 98  | 96         | 98           | 95         | 91           | 96         | 99           | 97         | 88           | 96         | 98           | 98         | 96           | 93 | 98  | 97          | 95  | 96                     | 88      | 97    | 0.046 | 0.052 | 0.048 | 21 | 72 |
|               | BMRad034   | AD2-1307      | IgG2a      | 98   | 97  | 100 | 98 | 92 | 96 | 96  | 96  | 99  | 98 | 96  | 97         | 97           | 96         | 84           | 97         | 98           | 97         | 86           | 97         | 98           | 98         | 93           | 93 | 98  | 97          | 91  | 97                     | 85      | 99    | 0.043 | 0.042 | 0.042 | 18 | 67 |
|               | BMRad029   | AD2-893       | IgG2a      | 100  | 98  | 99  | 96 | 98 | 96 | 100 | 96  | 99  | 97 | 96  | 97         | 100          | 96         | 100          | 98         | 100          | 97         | 96           | 97         | 99           | 98         | 99           | 95 | 99  | 96          | 100 | 97                     | 100     | 98    | 0.041 | 0.042 | 0.040 | 16 | 50 |
|               | BMRad050   | AD3-1026      | IgG2a      | 77   | 95  | 99  | 97 | 82 | 95 | 93  | 94  | 99  | 97 | 98  | 97         | 94           | 94         | 73           | 94         | 98           | 97         | 76           | 94         | 97           | 97         | 89           | 93 | 93  | 95          | 86  | 95                     | 64      | 94    | 0.042 | 0.042 | 0.042 | 3  | 87 |
|               | BMRad028   | AD2-836       | IgG2a      | 72   | 93  | 99  | 97 | 86 | 92 | 92  | 93  | 99  | 97 | 97  | 96         | 93           | 93         | 73           | 94         | 89           | 96         | 64           | 90         | 91           | 96         | 83           | 91 | 87  | 95          | 79  | 94                     | 72      | 90    | 0.042 | 0.045 | 0.041 | 18 | 76 |
|               | BMRad049   | AD3-801       | IgG2a      | 74   | 95  | 100 | 97 | 84 | 93 | 92  | 95  | 99  | 97 | 98  | 96         | 94           | 95         | 69           | 94         | 97           | 97         | 77           | 93         | 97           | 97         | 89           | 92 | 92  | 96          | 85  | 95                     | 61      | 93    | 0.041 | 0.041 | 0.041 | 16 | 93 |
|               | BMRad026   | AD2-690       | IgG2a      | 98   | 97  | 100 | 97 | 91 | 92 | 96  | 95  | 99  | 97 | 99  | 97         | 94           | 93         | 57           | 93         | 87           | 96         | 48           | 91         | 87           | 96         | 66           | 91 | 85  | 95          | 59  | 94                     | 53      | 94    | 0.044 | 0.045 | 0.045 | 27 | 91 |
|               | BMRad040   | AD2-1926      | IgG2a      | 94   | 97  | 100 | 98 | 93 | 95 | 97  | 96  | 100 | 97 | 100 | 96         | 98           | 95         | 46           | 86         | 89           | 94         | 44           | 88         | 93           | 97         | 71           | 87 | 88  | 96          | 51  | 92                     | 37      | 89    | 0.044 | 0.045 | 0.046 | 24 | 85 |
| BMRad015      | AD2-238    | IgG2a         | 87         | 97   | 100 | 97  | 82 | 93 | 92 | 93  | 100 | 98  | 99 | 97  | 91         | 94           | 35         | 88           | 66         | 95           | 25         | 85           | 84         | 95           | 43         | 88           | 76 | 94  | 39          | 91  | 25                     | 84      | 0.042 | 0.042 | 0.043 | 34    | 92 |    |
| C             | BMRad008   | AD1-1548      | IgG1       | 99   | 96  | 99  | 96 | 30 | 74 | 44  | 72  | 99  | 97 | 96  | 97         | 39           | 69         | 89           | 95         | 16           | 82         | 80           | 91         | 99           | 97         | 95           | 92 | 98  | 95          | 89  | 94                     | 88      | 94    | 0.041 | 0.042 | 0.041 | 28 | 72 |
|               | BMRad001   | AD1-468       | IgG2b      | 99   | 78  | 99  | 72 | 18 | 43 | 31  | 40  | 98  | 76 | 94  | 72         | 27           | 38         | 83           | 77         | 7            | 57         | 81           | 71         | 99           | 85         | 95           | 74 | 98  | 69          | 83  | 68                     | 87      | 73    | 0.040 | 0.042 | 0.039 | 24 | 76 |
| D             | BMRad043   | AD2-2005      | IgG2a      | 41   | 91  | 99  | 98 | 22 | 82 | 38  | 80  | 97  | 97 | 93  | 96         | 45           | 88         | 16           | 74         | 70           | 93         | 30           | 80         | 47           | 91         | 34           | 82 | 43  | 92          | 22  | 88                     | 21      | 77    | 0.042 | 0.042 | 0.041 | 20 | 85 |
|               | BMRad005   | AD1-1213      | IgG1       | 100  | 96  | 100 | 97 | 36 | 78 | 26  | 55  | 100 | 97 | 99  | 98         | 47           | 74         | 21           | 59         | 11           | 73         | 9            | 51         | 98           | 97         | 10           | 52 | 97  | 96          | 11  | 64                     | 16      | 63    | 0.056 | 0.046 | 0.043 | 39 | 95 |
|               | BMRad059   | AD3-2215      | IgG1       | 95   | 95  | 98  | 97 | 0  | 44 | 0   | 21  | 97  | 97 | 95  | 97         | 0            | 44         | 0            | 46         | 0            | 54         | 3            | 34         | 69           | 84         | 0            | 32 | 0   | 63          | 0   | 49                     | 0       | 45    | 0.075 | 0.068 | 0.087 | 19 | 77 |
| BMRad048      | AD3-787    | IgG1          | 97         | 96   | 97  | 95  | 3  | 47 | 17 | 57  | 96  | 95  | 92 | 96  | 0          | 35           | 2          | 36           | 0          | 43           | 0          | 24           | 25         | 77           | 2          | 15           | 2  | 60  | 0           | 36  | 0                      | 42      | 0.041 | 0.043 | 0.042 | 6     | 50 |    |
| E             | BMRad033   | AD2-1233      | IgG2b      | 82   | 74  | 89  | 67 | 51 | 54 | 53  | 57  | 79  | 72 | 79  | 64         | 46           | 53         | 95           | 80         | 91           | 76         | 82           | 73         | 91           | 79         | 90           | 72 | 81  | 65          | 90  | 71                     | 95      | 74    | 0.044 | 0.042 | 0.041 | 20 | 30 |
|               | BMRad003   | AD1-731       | IgG1       | 99   | 94  | 99  | 96 | 93 | 93 | 94  | 95  | 99  | 95 | 96  | 95         | 96           | 93         | 94           | 95         | 78           | 92         | 85           | 94         | 96           | 93         | 94           | 93 | 95  | 93          | 94  | 94                     | 94      | 93    | 0.056 | 0.052 | 0.060 | 14 | 23 |
|               | BMRad004   | AD1-1142      | IgG1       | 99   | 96  | 98  | 96 | 97 | 95 | 99  | 96  | 98  | 96 | 94  | 96         | 98           | 94         | 98           | 97         | 95           | 95         | 92           | 95         | 98           | 96         | 98           | 94 | 98  | 96          | 98  | 96                     | 98      | 96    | 0.047 | 0.062 | 0.049 | 16 | 22 |
|               | BMRad017   | AD2-402       | IgG2b      | 99   | 80  | 99  | 78 | 98 |    |     |     |     |    |     |            |              |            |              |            |              |            |              |            |              |            |              |    |   |             |     |                        |         |       |       |       |       |    |    |



## Summary of Technical Data Sheet for BMR Anti-Influenza A Monoclonal Antibody

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| Product Name                  | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   |
|-------------------------------|---|---|---|---|---|---|---|---|
| <b>BMR Catalog No.</b>        | <b>BMRad001</b>   | <b>BMRad002</b>   | <b>BMRad003</b>   | <b>BMRad004</b>   | <b>BMRad005</b>   | <b>BMRad006</b>   | <b>BMRad007</b>   | <b>BMRad008</b>   |
| <b>Clone Number</b>           | <b>AD1-468</b>  | <b>AD1-479</b>  | <b>AD1-731</b>  | <b>AD1-1142</b>   | <b>AD1-1213</b>   | <b>AD1-1416</b>   | <b>AD1-1429</b>   | <b>AD1-1548</b>   |
| <b>Lot Number</b>             | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  |
| <b>Isotype</b>                | IgG2b   | IgG1  | IgG1  | IgG1  | IgG1  | IgG2a   | IgG2a   | IgG1  |
| <b>Concentration</b>          | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   |
| <b>Host</b>                   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   |
| <b>Immunogen</b>              | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  |
| <b>Specificity</b>            | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  |
| <b>Cross Reactivity</b>       | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  |
| <b>Grade &amp; Purity</b>     | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   |
| <b>Form &amp; Buffer</b>      | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> |
| <b>Storage</b>                | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  |
| <b>Method of Purification</b> | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   |
| <b>Size</b>                   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   |
| <b>Contaminants</b>           | NA  | NA  | NA  | NA  | NA  | NA  | NA  | NA  |
| <b>Preservative</b>           | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  |
| <b>Biohazard Information</b>  | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         |

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|-------------------------------|---|---|---|---|---|---|---|---|
| <b>BMR Catalog No.</b>        | <b>BMRad009</b>   | <b>BMRad010</b>   | <b>BMRad011</b>   | <b>BMRad012</b>   | <b>BMRad013</b>   | <b>BMRad014</b>   | <b>BMRad015</b>   | <b>BMRad016</b>   |
| <b>Clone Number</b>           | <b>AD1-1651</b>   | <b>AD1-2100</b>   | <b>AD1-2294</b>   | <b>AD1-2382</b>   | <b>AD1-2566</b>   | <b>AD2-87</b>   | <b>AD2-238</b>  | <b>AD2-330</b>  |
| <b>Lot Number</b>             | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  |
| <b>Isotype</b>                | IgG1  | IgG2a   | IgG1  | IgG1  | IgG1  | IgG2a   | IgG2a   | IgG2a   |
| <b>Concentration</b>          | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   |
| <b>Host</b>                   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   |
| <b>Immunogen</b>              | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  |
| <b>Specificity</b>            | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  |
| <b>Cross Reactivity</b>       | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  |
| <b>Grade &amp; Purity</b>     | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   |
| <b>Form &amp; Buffer</b>      | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> |
| <b>Storage</b>                | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  |
| <b>Method of Purification</b> | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   |
| <b>Size</b>                   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   |
| <b>Contaminants</b>           | NA  | NA  | NA  | NA  | NA  | NA  | NA  | NA  |
| <b>Preservative</b>           | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  |
| <b>Biohazard Information</b>  | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         |



## Summary of Technical Data Sheet for BMR Anti-Influenza A Monoclonal Antibody

**\* Contact us for matching pairs**

| Product Name                  | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   |
|-------------------------------|---|---|---|---|---|---|---|---|
| <b>BMR Catalog No.</b>        | <b>BMRad017</b>   | <b>BMRad018</b>   | <b>BMRad019</b>   | <b>BMRad020</b>   | <b>BMRad021</b>   | <b>BMRad022</b>   | <b>BMRad023</b>   | <b>BMRad024</b>   |
| <b>Clone Number</b>           | <b>AD2-402</b>  | <b>AD2-426</b>  | <b>AD2-523</b>  | <b>AD2-546</b>  | <b>AD2-580</b>  | <b>AD2-601</b>  | <b>AD2-630</b>  | <b>AD2-639</b>  |
| <b>Lot Number</b>             | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  |
| <b>Isotype</b>                | IgG2b   | IgG2a   | IgG2a   | IgG1  | IgG2b   | IgG2b   | IgG2a   | IgG2b   |
| <b>Concentration</b>          | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   |
| <b>Host</b>                   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   |
| <b>Immunogen</b>              | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  |
| <b>Specificity</b>            | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  |
| <b>Cross Reactivity</b>       | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  |
| <b>Grade &amp; Purity</b>     | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   |
| <b>Form &amp; Buffer</b>      | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> |
| <b>Storage</b>                | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  |
| <b>Method of Purification</b> | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   |
| <b>Size</b>                   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   |
| <b>Contaminants</b>           | NA  | NA  | NA  | NA  | NA  | NA  | NA  | NA  |
| <b>Preservative</b>           | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  |
| <b>Biohazard Information</b>  | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         |

## Summary of Technical Data Sheet for BMR Anti-Influenza A Monoclonal Antibody

**\* Contact us for matching pairs**

| Product Name                  | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   |
|-------------------------------|---|---|---|---|---|---|---|---|
| <b>BMR Catalog No.</b>        | <b>BMRad025</b>   | <b>BMRad026</b>   | <b>BMRad027</b>   | <b>BMRad028</b>   | <b>BMRad029</b>   | <b>BMRad030</b>   | <b>BMRad031</b>   | <b>BMRad032</b>   |
| <b>Clone Number</b>           | <b>AD2-644</b>  | <b>AD2-690</b>  | <b>AD2-775</b>  | <b>AD2-836</b>  | <b>AD2-893</b>  | <b>AD2-912</b>  | <b>AD2-974</b>  | <b>AD2-1128</b>   |
| <b>Lot Number</b>             | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  |
| <b>Isotype</b>                | IgG2a   | IgG2a   | IgG2a   | IgG2a   | IgG2a   | IgG2a   | IgG2b   | IgG2b   |
| <b>Concentration</b>          | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   |
| <b>Host</b>                   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   |
| <b>Immunogen</b>              | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  |
| <b>Specificity</b>            | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  |
| <b>Cross Reactivity</b>       | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  |
| <b>Grade &amp; Purity</b>     | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   |
| <b>Form &amp; Buffer</b>      | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> |
| <b>Storage</b>                | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  |
| <b>Method of Purification</b> | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   |
| <b>Size</b>                   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   |
| <b>Contaminants</b>           | NA  | NA  | NA  | NA  | NA  | NA  | NA  | NA  |
| <b>Preservative</b>           | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  |
| <b>Biohazard Information</b>  | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         |



## Summary of Technical Data Sheet for BMR Anti-Influenza A Monoclonal Antibody

**\* Contact us for matching pairs**

| Product Name                  | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   |
|-------------------------------|---|---|---|---|---|---|---|---|
| <b>BMR Catalog No.</b>        | <b>BMRad033</b>   | <b>BMRad034</b>   | <b>BMRad035</b>   | <b>BMRad036</b>   | <b>BMRad037</b>   | <b>BMRad038</b>   | <b>BMRad039</b>   | <b>BMRad040</b>   |
| <b>Clone Number</b>           | <b>AD2-1233</b>   | <b>AD2-1307</b>   | <b>AD2-1469</b>   | <b>AD2-1718</b>   | <b>AD2-1734</b>   | <b>AD2-1747</b>   | <b>AD2-1860</b>   | <b>AD2-1926</b>   |
| <b>Lot Number</b>             | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  |
| <b>Isotype</b>                | IgG2b   | IgG2a   | IgG2b   | IgG2a   | IgG2a   | IgG1  | IgG2b   | IgG2a   |
| <b>Concentration</b>          | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   |
| <b>Host</b>                   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   |
| <b>Immunogen</b>              | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  |
| <b>Specificity</b>            | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  |
| <b>Cross Reactivity</b>       | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  |
| <b>Grade &amp; Purity</b>     | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   |
| <b>Form &amp; Buffer</b>      | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> |
| <b>Storage</b>                | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  |
| <b>Method of Purification</b> | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   |
| <b>Size</b>                   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   |
| <b>Contaminants</b>           | NA  | NA  | NA  | NA  | NA  | NA  | NA  | NA  |
| <b>Preservative</b>           | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  |
| <b>Biohazard Information</b>  | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         |

## Summary of Technical Data Sheet for BMR Anti-Influenza A Monoclonal Antibody

**\* Contact us for matching pairs**

| Product Name                  | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   |
|-------------------------------|---|---|---|---|---|---|---|---|
| <b>BMR Catalog No.</b>        | <b>BMRad042</b>   | <b>BMRad043</b>   | <b>BMRad044</b>   | <b>BMRad045</b>   | <b>BMRad046</b>   | <b>BMRad047</b>   | <b>BMRad048</b>   | <b>BMRad049</b>   |
| <b>Clone Number</b>           | <b>AD2-1998</b>   | <b>AD2-2005</b>   | <b>AD2-2050</b>   | <b>AD3-98</b>   | <b>AD3-188</b>  | <b>AD3-595</b>  | <b>AD3-787</b>  | <b>AD3-801</b>  |
| <b>Lot Number</b>             | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  |
| <b>Isotype</b>                | IgG2a   | IgG2a   | IgG2a   | IgG1  | IgG1  | IgG2a   | IgG1  | IgG2a   |
| <b>Concentration</b>          | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   |
| <b>Host</b>                   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   |
| <b>Immunogen</b>              | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  |
| <b>Specificity</b>            | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  |
| <b>Cross Reactivity</b>       | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  |
| <b>Grade &amp; Purity</b>     | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   |
| <b>Form &amp; Buffer</b>      | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> |
| <b>Storage</b>                | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  |
| <b>Method of Purification</b> | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   |
| <b>Size</b>                   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   |
| <b>Contaminants</b>           | NA  | NA  | NA  | NA  | NA  | NA  | NA  | NA  |
| <b>Preservative</b>           | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  |
| <b>Biohazard Information</b>  | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         |



## Summary of Technical Data Sheet for BMR Anti-Influenza A Monoclonal Antibody

**\* Contact us for matching pairs**

| Product Name                  | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   |
|-------------------------------|---|---|---|---|---|---|---|---|
| <b>BMR Catalog No.</b>        | <b>BMRad050</b>   | <b>BMRad051</b>   | <b>BMRad052</b>   | <b>BMRad053</b>   | <b>BMRad054</b>   | <b>BMRad055</b>   | <b>BMRad056</b>   | <b>BMRad057</b>   |
| <b>Clone Number</b>           | <b>AD3-1026</b>   | <b>AD3-1177</b>   | <b>AD3-1194</b>   | <b>AD3-1385</b>   | <b>AD3-1409</b>   | <b>AD3-1652</b>   | <b>AD3-1807</b>   | <b>AD3-2063</b>   |
| <b>Lot Number</b>             | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  |
| <b>Isotype</b>                | IgG2a   | IgG2a   | IgG1  | IgG2a   | IgG2a   | IgG2a   | IgG2b   | IgG2a   |
| <b>Concentration</b>          | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   |
| <b>Host</b>                   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   |
| <b>Immunogen</b>              | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  |
| <b>Specificity</b>            | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  |
| <b>Cross Reactivity</b>       | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  |
| <b>Grade &amp; Purity</b>     | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   |
| <b>Form &amp; Buffer</b>      | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> |
| <b>Storage</b>                | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  |
| <b>Method of Purification</b> | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   |
| <b>Size</b>                   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   |
| <b>Contaminants</b>           | NA  | NA  | NA  | NA  | NA  | NA  | NA  | NA  |
| <b>Preservative</b>           | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  |
| <b>Biohazard Information</b>  | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         |



## Summary of Technical Data Sheet for BMR Anti-Influenza A Monoclonal Antibody

\* Contact us for matching pairs

|                               |   |   |   |   |
|-------------------------------|---|---|---|---|
| <b>Product Name</b>           | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   | Anti-Adenovirus Hexon Monoclonal Antibody   |
| <b>BMR Catalog No.</b>        | <b>BMRad058</b>   | <b>BMRad059</b>   | <b>BMRad060</b>   | <b>BMRad061</b>   |
| <b>Clone Number</b>           | <b>AD3-2200</b>   | <b>AD3-2215</b>   | <b>AD3-2486</b>   | <b>AD3-1607</b>   |
| <b>Lot Number</b>             | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  | Depend on the purification Lot  |
| <b>Isotype</b>                | IgG1  | IgG1  | IgG2a   | IgG2a   |
| <b>Concentration</b>          | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   | 1 ~ 5 mg/mL<br>Depend on the purification Lot<br>(5mg/mL for most lots)   |
| <b>Host</b>                   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   | Host : Mouse.<br>Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.<br>Source : Ascites   |
| <b>Immunogen</b>              | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  | Inactivated Adenovirus AD6  |
| <b>Specificity</b>            | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  | Adenovirus Hexon, (species specific conserved epitope)  |
| <b>Cross Reactivity</b>       | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  | No cross reaction to Influenza A, Influenza B and RS viruses  |
| <b>Grade &amp; Purity</b>     | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   | In vitro use only.<br>Purity is more than 95%<br>(SDS-PAGE or HPLC)   |
| <b>Form &amp; Buffer</b>      | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> | Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3.0mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> |
| <b>Storage</b>                | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  | Store at 2-8°C  |
| <b>Method of Purification</b> | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   | Protein A affinity purification   |
| <b>Size</b>                   | 1mg ~   | 1mg ~   | 1mg ~   | 1mg ~   |
| <b>Contaminants</b>           | NA  | NA  | NA  | NA  |
| <b>Preservative</b>           | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  | 0.05% NaN <sub>3</sub>  |
| <b>Biohazard Information</b>  | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         | This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.         |