

## Mouse SIGLEC-9 Monoclonal Antibody | anti-SIGLEC-9 antibody

MOUSE ANTI HUMAN SIGLEC-9

|                              |                      |                                                                                                                       |
|------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA50116</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot, Immunoprecipitation, Immunofluorescence, Flow Cytometry, Functional Assay, ELISA</b> |
|------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------|

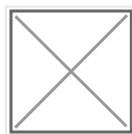
### PRODUCT SYNONYMS

SIGLEC-9; Monoclonal Antibody; MOUSE ANTI HUMAN SIGLEC-9; anti-SIGLEC-9 antibody

### PRODUCT SPECIFICATIONS

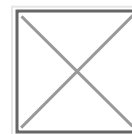
|                                                    |                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                               | Mouse                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                          | Monoclonal                                                                                                                                                                                                                                                                                                                                                     |
| Isotype                                            | IgG1                                                                                                                                                                                                                                                                                                                                                           |
| Clone Number                                       | K8                                                                                                                                                                                                                                                                                                                                                             |
| Form/Format                                        | Purified<br>Purified IgG - liquid                                                                                                                                                                                                                                                                                                                              |
| Concentration                                      | IgG concentration 1.0mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                     |
| Sequence Length                                    | 479                                                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-SIGLEC-9 antibody | WB (Western Blot), IP (Immunoprecipitation), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA                                                                                                                                                                                                                                                         |
| Perservative Stabilisers                           | 0.09% Sodium Azide (NaN <sub>3</sub> )<br>Preparation                                                                                                                                                                                                                                                                                                          |
| Buffer Solution                                    | Phosphate buffered saline                                                                                                                                                                                                                                                                                                                                      |
| Target Species                                     | Human                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage                            | Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br>Shelf Life: 18 months from date of despatch. |

### IMAGES



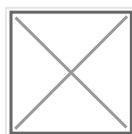
#### Application Data

Human peripheral blood monocytes stained with Mouse anti Human Siglec-9:RPE



#### Application Data

Human peripheral blood monocytes stained with Mouse anti Human Siglec-9:FITC



#### Application Data

Human peripheral blood monocytes stained with Mouse anti Human Siglec-9 (AAA50116)  
followed by Rabbit F(ab')<sub>2</sub> anti Mouse IgG:FITC

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SIGLEC-9 antibody | Mouse anti human Siglec-9, Clone K8, recognises Human sialic acid-binding Ig-like lectin 9, a single pass type I membrane protein belonging to the immunoglobulin superfamily. Human Siglec-9 is broadly expressed in a range of human tissues with high expression on monocytes and low-level expression on neutrophils and subpopulations of NK, B, and T cells. |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 310616725                                            |
| NCBI GeneID                      | 27180                                                |
| NCBI Accession #                 | NP_001185487.1                                       |
| NCBI GenBank Nucleotide #        | NM_001198558.1                                       |
| UniProt Accession #              | Q9Y336; Q6GTU4; Q9BYI9                               |
| Molecular Weight                 | 52,492 Da                                            |
| NCBI Official Full Name          | sialic acid-binding Ig-like lectin 9 isoform 1       |
| NCBI Official Synonym Full Names | sialic acid binding Ig-like lectin 9                 |
| NCBI Official Symbol             | SIGLEC9                                              |
| NCBI Official Synonym Symbols    | CD329; CDw329; FOAP-9; siglec-9; OBBP-LIKE           |
| NCBI Protein Information         | sialic acid-binding Ig-like lectin 9; protein FOAP-9 |
| UniProt Protein Name             | Sialic acid-binding Ig-like lectin 9                 |
| UniProt Gene Name                | SIGLEC9                                              |
| UniProt Synonym Gene Names       | Siglec-9                                             |
| UniProt Entry Name               | SIGL9_HUMAN                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.