

## Rabbit anti-Human SIGLEC9 Polyclonal Antibody | anti-SIGLEC9 antibody

SIGLEC9 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS |
|-----------|--------|------------|--------------|
| AAA329063 | Rabbit | Human      | ELISA        |

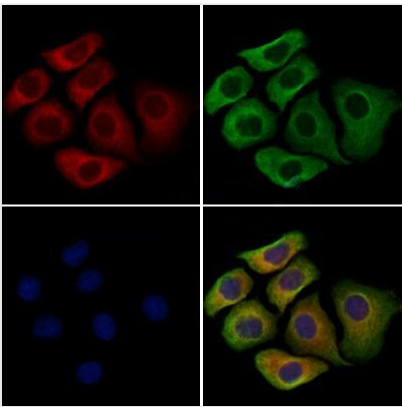
### PRODUCT SYNONYMS

SIGLEC9; Polyclonal Antibody; SIGLEC9 Antibody; CD329; CDw329; FOAP 9; OB binding protein like; OBBP LIKE; Protein FOAP 9; Protein FOAP-9; sialic acid binding Ig like lectin 9; Sialic acid-binding Ig-like lectin 9; Sialic acid-binding immunoglobulin like lectin 9; SIGL9\_HUMAN; Siglec 9; Siglec-9; anti-SIGLEC9 antibody

### PRODUCT SPECIFICATIONS

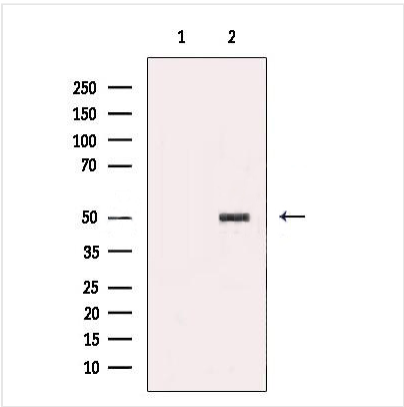
|                                                   |                                                                                                                          |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                   |
| Reactivity                                        | Human                                                                                                                    |
| Clonality                                         | Polyclonal                                                                                                               |
| Isotype                                           | IgG                                                                                                                      |
| Specificity                                       | SIGLEC9 Antibody detects endogenous levels of total SIGLEC9.                                                             |
| Purity/Purification                               | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific). |
| Form/Format                                       | Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol                  |
| Concentration                                     | 1mg/ml (varies by lot)                                                                                                   |
| Sequence Length                                   | 463                                                                                                                      |
| Applicable Applications for anti-SIGLEC9 antibody | ELISA                                                                                                                    |
| Immunogen                                         | A synthesized peptide derived from human SIGLEC9, corresponding to a region within C-terminal amino acids.               |
| Fragment                                          | Fab fragment                                                                                                             |
| Preparation and Storage                           | Store at -20 degree C. Stable for 12 months from date of receipt.                                                        |

IMAGES



IF (Immunofluorescence)

AAA329063 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329063 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using SIGLEC9 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SIGLEC9 antibody | Function: Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,3- or alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface.                                                                                                                |
|                                                       | Subcellular Location: Membrane>Single-pass type I membrane protein.                                                                                                                                                                                                                                                                                                                          |
|                                                       | Tissue Specificity: Expressed by peripheral blood leukocytes (neutrophils and monocytes but not eosinophils). Found in liver, fetal liver, bone marrow, placenta, spleen and in lower levels in skeletal muscle, fetal brain, stomach, lung, thymus, prostate, brain, mammary, adrenal gland, colon, trachea, cerebellum, testis, small intestine and spinal cordon.                         |
|                                                       | Similarity: Contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases. Belongs to the immunoglobulin superfamily. SIGLEC (sialic acid binding Ig-like lectin) family. |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| NCBI GI #                        | 25009270                                                                                     |
| NCBI GeneID                      | 27180                                                                                        |
| UniProt Accession #              | Q9Y336                                                                                       |
| Molecular Weight                 | Observed Molecular Weight: (Observed)50kD.<br>Predicted Molecular Weight: (Calculated)50kDa. |
| NCBI Official Full Name          | Sialic acid-binding Ig-like lectin 9                                                         |
| 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                                                         |
| UniProt Protein Name             | Sialic acid-binding Ig-like lectin 9                                                         |

|                            |          |
|----------------------------|----------|
| UniProt Gene Name          | SIGLEC9  |
| UniProt Synonym Gene Names | Siglec-9 |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/siglec9-antibody-elisa/329063>