

Product datasheet for **CF500382**

SIGLEC9 Mouse Monoclonal Antibody [Clone ID: OTI6D8]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI6D8 |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | WB 1:500~2000, IHC 1:50, IF 1:50 |
| Reactivity: | Human, Dog, Monkey |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human SIGLEC9 (NP_055256) produced in HEK293T cell. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 50.1 kDa |
| Gene Name: | sialic acid binding Ig like lectin 9 |
| Database Link: | NP_055256 Entrez Gene 719831 Monkey Entrez Gene 27180 Human Q9Y336 |
| Background: | 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. |

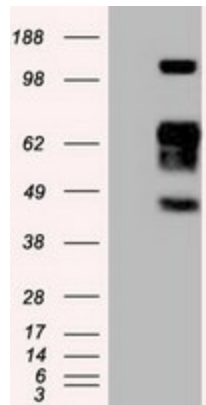


[View online »](#)

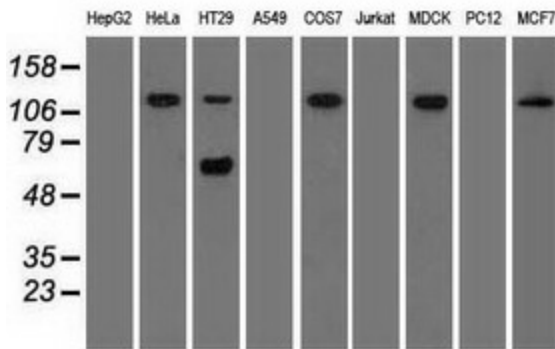
Synonyms: CD329; CDw329; FOAP-9; OBBP-LIKE; siglec-9

Protein Families: Druggable Genome, Transmembrane

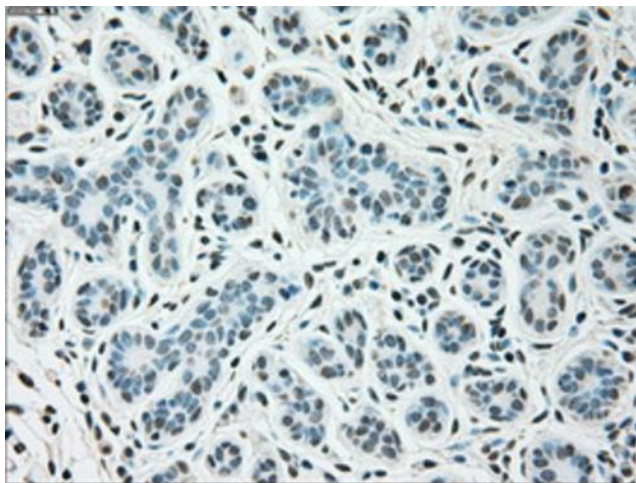
Product images:



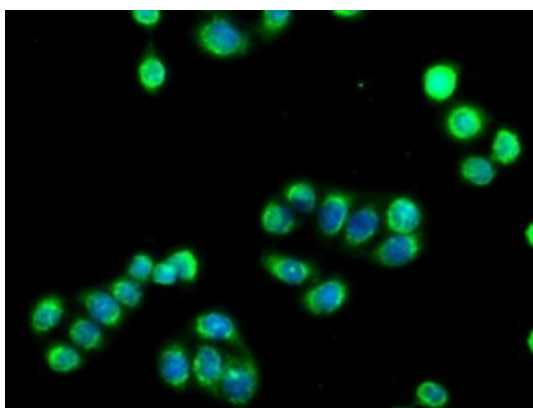
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SIGLEC9 ([RC206674], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SIGLEC9. Positive lysates [LY402335] (100ug) and [LC402335] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-SIGLEC9 monoclonal antibody.



Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-SIGLEC9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500382])



Immunofluorescent staining of HT29 cells using anti-SIGLEC9 mouse monoclonal antibody (TA500382).