

SIGLEC9 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16921A**Specification**

SIGLEC9 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9Y336
Other Accession	NP_055256.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	50082
Antigen Region	107-134

SIGLEC9 Antibody (N-term) - Additional Information**Gene ID** 27180**Other Names**

Sialic acid-binding Ig-like lectin 9, Siglec-9, CDw329, Protein FOAP-9, CD329, SIGLEC9

Target/Specificity

This SIGLEC9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 107-134 amino acids from the N-terminal region of human SIGLEC9.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SIGLEC9 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SIGLEC9 Antibody (N-term) - Protein Information**Name** SIGLEC9**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.

Cellular Location

Membrane; Single-pass type I membrane protein.

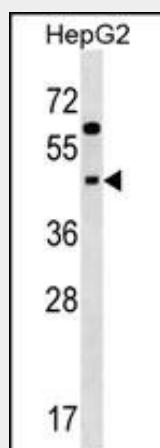
Tissue Location

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 cord

SIGLEC9 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SIGLEC9 Antibody (N-term) - Images

SIGLEC9 Antibody (N-term) (Cat. #AP16921a) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the SIGLEC9 antibody detected the SIGLEC9 protein (arrow).

SIGLEC9 Antibody (N-term) - 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.

SIGLEC9 Antibody (N-term) - References

Belisle, J.A., et al. Mol. Cancer 9, 118 (2010) :
von Gunten, S., et al. Shock 32(4):386-392(2009)

Rashmi, R., et al. *Pediatr. Res.* 66(3):266-271(2009)
Carlin, A.F., et al. *Blood* 113(14):3333-3336(2009)
Avril, T., et al. *J. Immunol.* 173(11):6841-6849(2004)