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SIGLEC6 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1624a

Specification

SIGLEC6 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	O43699
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**49913**
Antigen Region	**10-40**

SIGLEC6 Antibody (N-term) - Additional Information

Gene ID 946

Other Names
Sialic acid-binding Ig-like lectin 6, Siglec-6, CD33 antigen-like 1, CDw327, Obesity-binding protein 1, OB-BP1, CD327, SIGLEC6, CD33L, CD33L1, OBBP1

Target/Specificity
This SIGLEC6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-40 amino acids from the N-terminal region of human SIGLEC6.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

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
SIGLEC6 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SIGLEC6 Antibody (N-term) - Protein Information

Name SIGLEC6

Synonyms CD33L, CD33L1, OBBP1

Function Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Binds to 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
[Isoform 1]: Cell membrane; Single-pass type I membrane protein

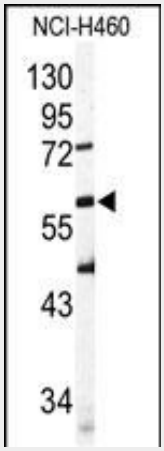
Tissue Location
Expressed at high levels in placenta (cyto- and syncytiotrophoblastic cells) and at lower levels in spleen, peripheral blood leukocytes (predominantly B-cells) and small intestine

SIGLEC6 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 Cytomety
- Cell Culture

SIGLEC6 Antibody (N-term) - Images



Western blot analysis of SIGLEC6 Antibody (N-term) (Cat.#AP1624a) in NCI-H460 cell line lysates (35ug/lane). SIGLEC6 (arrow) was detected using the purified Pab.

SIGLEC6 Antibody (N-term) - Background

SIGLEC6 is a putative adhesion molecule that mediates sialic-acid dependent binding to cells by binding to alpha2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. SIGLEC6, which interacts with LEP, is expressed at high levels in placenta (cyto-and syncytiotrophoblastic cells) and at lower levels in spleen, peripheral blood leukocytes (predominantly B-cells) and small intestine. It contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in downmodulation of cellular responses. The phosphorylated ITIM motif binds to the SH2 domain of PTPN6/SHP-1. The gene for SIGLEC6 belongs to the immunoglobulin superfamily.

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SIGLEC6 Antibody (N-term) - References

Patel, N., et al., J. Biol. Chem. 274(32):22729-22738 (1999).
Takei, Y., et al., Cytogenet. Cell Genet. 78 (3-4), 295-300 (1997).
Patel, N., et al., J. Biol. Chem. 274, 28058-28058 (1999).