

Rabbit anti-Human, mouse SIGLEC6 Polyclonal Antibody | anti-SIGLEC6 antibody

SIGLEC6 Antibody (C-term)

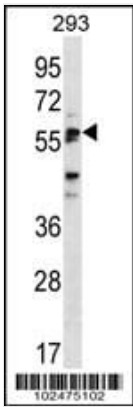
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289406	Rabbit	Human, mouse	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

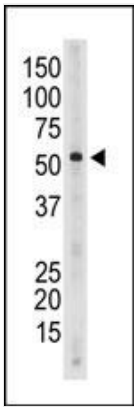
SIGLEC6; Polyclonal Antibody; SIGLEC6 Antibody (C-term); Sialic acid-binding Ig-like lectin 6; Siglec-6; CD33 antigen-like 1; CDw327; Obesity-binding protein 1; OB-BP1; CD327; CD33L; CD33L1; OBBP1; anti-SIGLEC6 antibody

PRODUCT SPECIFICATIONS

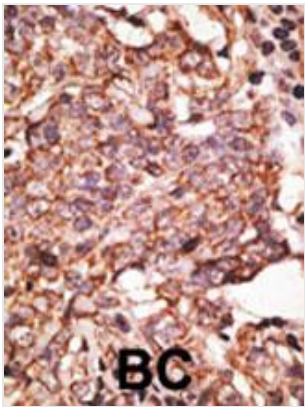
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SIGLEC6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 381-412 amino acids from the C-terminal region of human SIGLEC6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	381-412
Sequence Length	401
Applicable Applications for anti-SIGLEC6 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
SIGLEC6 Antibody western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the SIGLEC6 antibody detected the SIGLEC6 protein (arrow).



WB (Western Blot)
The anti-Siglec6 C-term Pab is used in Western blot to detect Siglec6 in mouse spleen tissue lysate.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-SIGLEC6 antibody	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.
Product Categories/Family for anti-SIGLEC6 antibody	Immunology
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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	294774548
NCBI GeneID	946
NCBI Accession #	NP_001171018.1; NP_001171019.1; NP_001171020.1; NP_001236.4; NP_942142.3; NP_942143.3

NCBI GenBank Nucleotide #	NM_001177547.1
UniProt Accession #	O43699; O15388; O43700; A8MV71; B2RTS8; C9JBE5; F8WA78
Molecular Weight	49913
NCBI Official Full Name	sialic acid-binding Ig-like lectin 6 isoform 4
NCBI Official Synonym Full Names	sialic acid binding Ig-like lectin 6
NCBI Official Symbol	SIGLEC6
NCBI Official Synonym Symbols	CD327; CD33L; OBBP1; CD33L1; CD33L2; CDW327
NCBI Protein Information	sialic acid-binding Ig-like lectin 6
UniProt Protein Name	Sialic acid-binding Ig-like lectin 6
UniProt Gene Name	SIGLEC6
UniProt Synonym Gene Names	CD33L; CD33L1; OBBP1; Siglec-6; OB-BP1
UniProt Entry Name	SIGL6_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/siglec6-antibody-western-blot-immunohistochemistry-elisa/289406>