

Rabbit anti-Human, mouse SIGLEC5 Polyclonal Antibody | anti-SIGLEC5 antibody

SIGLEC5 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288052	Rabbit	Human, mouse	ELISA, Western Blot

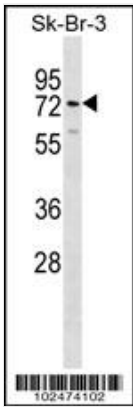
PRODUCT SYNONYMS

SIGLEC5; Polyclonal Antibody; SIGLEC5 Antibody (C-term); Sialic acid-binding Ig-like lectin 5; Siglec-5; CD33 antigen-like 2; Obesity-binding protein 2; OB-BP2; OB-binding protein 2; CD170; CD33L2; OBBP2; anti-SIGLEC5 antibody

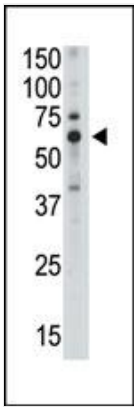
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SIGLEC5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 482-513 amino acids from the C-terminal region of human SIGLEC5.
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	482-513
Sequence Length	551
Applicable Applications for anti-SIGLEC5 antibody	ELISA, WB (Western Blot)
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.

IMAGES



WB (Western Blot)
SIGLEC5 Antibody western blot analysis in SK-BR-3 cell line lysates (35ug/lane). This demonstrates the SIGLEC5 antibody detected the SIGLEC5 protein (arrow).



WB (Western Blot)
The anti-Siglec5 C-term Pab is used in Western blot to detect Siglec5 in mouse liver tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-SIGLEC5 antibody	SIGLECs are members of the immunoglobulin superfamily that are expressed on the cell surface. Most SIGLECs have one or more cytoplasmic immune receptor tyrosine-based inhibitory motifs (ITIM). SIGLECs are typically expressed on cells of the innate immune system, with the exception of the B-cell expressed SIGLEC6. Sequence analysis predicted that the 697-amino acid SIGLEC10 protein contains a signal peptide, an N-terminal V-set Ig-like domain and four C2-set Ig-like domains, five potential N-linked glycosylation sites, a transmembrane region, and a 126-residue cytoplasmic tail with 3 putative ITIMs. Northern blot analysis detected a major 3.0-kb SIGLEC10 transcript, with highest levels in spleen, lymph node, blood leukocytes, and appendix. Little or no expression was observed in pancreas, thyroid, and testis. Flow cytometric analysis demonstrated eosinophil-specific expression of SIGLEC10, but at a lower level than that of SIGLEC8. Expression was also detected on monocytes and a CD16-positive/CD56-negative natural killer-like lymphocyte population. After sialidase treatment, which is necessary for unmasking the sialic acid-binding site on SIGLECs interacting with cell surface sialic acids, cells expressing SIGLEC10 bound to red blood cells. Immunoprecipitation analysis indicated expression of a 100- to 120-kD monomeric protein, higher than the predicted molecular mass, suggesting that SIGLEC10 is glycosylated.
Product Categories/Family for anti-SIGLEC5 antibody	Immunology
References	Erickson-Miller, C.L., et al., Exp. Hematol. 31(5):382-388 (2003). Patel, N., et al., J. Biol. Chem. 274(32):22729-22738 (1999). Cornish, A.L., et al., Blood 92(6):2123-2132 (1998). Kim, H.S., Cytogenet. Cell Genet. 84 (1-2), 96 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502659
NCBI GeneID	8778
NCBI Accession #	NP_003821.1
NCBI GenBank Nucleotide #	NM_003830.3
UniProt Accession #	O15389
Molecular Weight	60715
NCBI Official Full Name	sialic acid-binding Ig-like lectin 5
NCBI Official Synonym Full Names	sialic acid binding Ig-like lectin 5
NCBI Official Symbol	SIGLEC5
NCBI Official Synonym Symbols	CD170; OBBP2; CD33L2; OB-BP2; SIGLEC-5

NCBI Protein Information	sialic acid-binding Ig-like lectin 5
UniProt Protein Name	Sialic acid-binding Ig-like lectin 5
UniProt Gene Name	SIGLEC5
UniProt Synonym Gene Names	CD33L2; OBBP2; Siglec-5; OB-BP2; OB-binding protein 2
UniProt Entry Name	SIGL5_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/siglec5-antibody-western-blot-elisa/288052>