

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

SIGLEC5 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287431	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

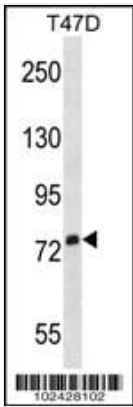
PRODUCT SYNONYMS

SIGLEC5; Polyclonal Antibody; SIGLEC5 Antibody (N-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

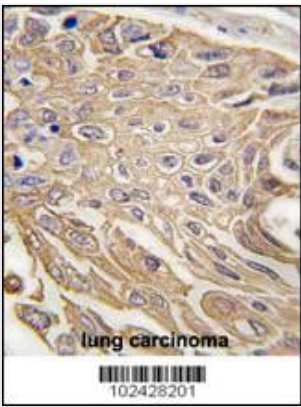
PRODUCT SPECIFICATIONS

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 8-39 amino acids from the N-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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	8-39
Sequence Length	551
Applicable Applications for anti-SIGLEC5 antibody	IHC (Immunohistochemistry), 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.

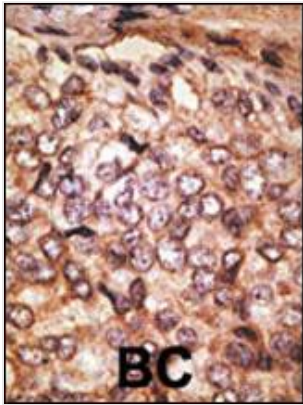
IMAGES



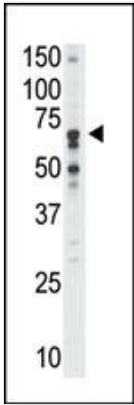
WB (Western Blot)
SIGLEC5 Antibody (S23) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the SIGLEC5 antibody detected the SIGLEC5 protein (arrow).



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with SIGLEC5 Antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



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



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

ADDITIONAL INFORMATION

Related Product Information for anti-SIGLEC5 antibody	SIGLEC5 is a putative adhesion molecule that mediates sialic-acid dependent binding to cells. This protein binds equally to alpha2,3-linked and alpha2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. This molecule is expressed by monocytic/myeloid lineage cells. SIGLEC5 is found at high levels in peripheral blood leukocytes, spleen, bone marrow and at lower levels in lymph node, lung, appendix, placenta, pancreas and thymus. It is expressed by monocytes and neutrophils but absent from leukemic cell lines representing early stages of myelomonocytic differentiation.
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/siglec5-antibody-immunohistochemistry-western-blot-elisa/287431>