

Rabbit SIGLEC15 Polyclonal Antibody | anti-SIGLEC15 antibody

SIGLEC15 Antibody

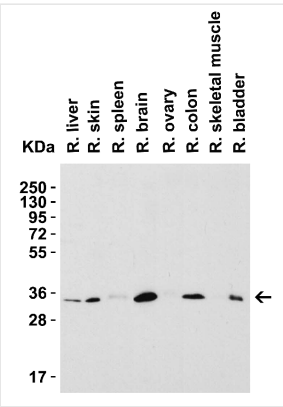
CATALOG # AAA40920	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

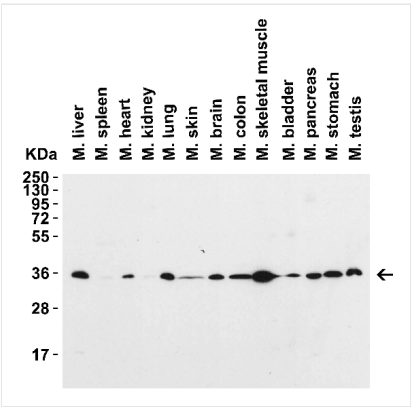
SIGLEC15; Polyclonal Antibody; SIGLEC15 Antibody; sialic acid binding Ig-like lectin 15; SIGLEC15 Antibody: CD33L3; HsT1361; SIGLEC-15; CD33L3; Sialic acid-binding Ig-like lectin 15; CD33 antigen-like 3; Siglec-15; anti-SIGLEC15 antibody

PRODUCT SPECIFICATIONS

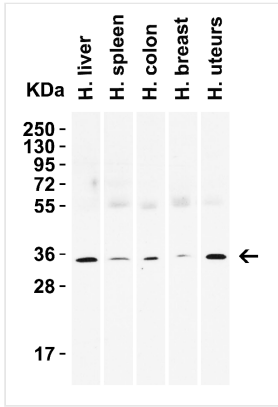
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SIGLEC15 Antibody is affinity chromatography purified via peptide column
Form/Format	Liquid SIGLEC15 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SIGLEC15 antibody	WB (Western Blot), ELISA
Source	Human
Immunogen	Anti-SIGLEC15 antibody (9017) was raised against a peptide corresponding to 14 amino acids near the carboxy terminus of human SIGLEC15. The immunogen is located within amino acids 270-320 of SIGLEC15.
Isoforms	Human SIGLEC15 has 2 isoforms, including isoform 1 (328aa, 36kD) and isoform 2 (174aa, 18kD). Mouse SIGLEC15 has one isoform (342aa, 37kD) and Rat SIGLEC15 also has one isoform (341aa, 37kD). 9017 can detect human and possibly mouse and rat isoforms.
Conjugation	Unconjugated
Preparation and Storage	SIGLEC15 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



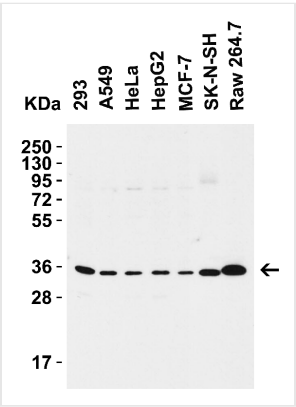
WB (Western Blot)
Figure 4 Western Blot Validation in Rat Tissues Loading: 15 μg of lysates per lane. Antibodies: SIGLEC15, 9017 (2 μg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



WB (Western Blot)
Figure 3 Western Blot Validation in Mouse Tissues Loading: 15 μg of lysates per lane. Antibodies: SIGLEC15, 9017 (2 μg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



WB (Western Blot)
Figure 2 Western Blot Validation in Human Tissues Loading: 15 μg of lysates per lane. Antibodies: SIGLEC15, 9017 (2 μg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



WB (Western Blot)
Figure 1 Western Blot Validation in Human and Mouse Cell Lines Loading: 15 μg of lysates per lane. Antibodies: SIGLEC15, 9017 (2 μg/mL), 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-SIGLEC15 antibody	SIGLEC15 Antibody: Siglecs are vertebrate cell-surface lectins that recognize sialylated glycans and are involved in many physiological processes, such as glycoprotein turnover, cellular trafficking, and pathogen recognition. Most Siglecs are expressed on cells of the immune system. SIGLEC15 is a type-I transmembrane protein consisting of two immunoglobulin (Ig)-like domains, a transmembrane domain containing a lysine residue, and a short cytoplasmic tail. SIGLEC15 can interact with the activating adaptor molecules DAP12/10. Its activating signaling potential and unique preference for glycan recognition implies that SIGLEC15 may be involved in the immune surveillance of tumors and probably plays a conserved, regulatory role in the immune system of vertebrates.
Product Categories/Family for anti-SIGLEC15 antibody	Immunology
References	Crocker and Redelinghuys. Biochem. Soc. Trans. 2008; 36:1467-71. Angata et al. Glycobiology 2007; 17:838-46. Hiruma et al. Biochem. Biophys. Res. Commun. 2011; 409:424-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47106069
NCBI GeneID	284266
NCBI Accession #	NP_998767

NCBI GenBank Nucleotide #	NM_213602.2
UniProt Accession #	Q6ZMC9 ; A8K2Y5 ; B4DVQ9
Molecular Weight	18,086 Da
NCBI Official Full Name	sialic acid-binding Ig-like lectin 15
NCBI Official Synonym Full Names	sialic acid binding Ig-like lectin 15
NCBI Official Symbol	SIGLEC15
NCBI Official Synonym Symbols	CD33L3; HsT1361; SIGLEC-15
NCBI Protein Information	sialic acid-binding Ig-like lectin 15; CD33 antigen-like 3; CD33 molecule-like 3
UniProt Protein Name	Sialic acid-binding Ig-like lectin 15
UniProt Gene Name	SIGLEC15
UniProt Synonym Gene Names	CD33L3; Siglec-15
UniProt Entry Name	SIG15_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/siglec15-antibody-western-blot-elisa/40920>