

Rabbit SIGLEC15 / SIGLEC-15 Polyclonal Antibody | anti-SIGLEC15 antibody

Rabbit Polyclonal to Human SIGLEC15 / SIGLEC-15

CATALOG # AAA52442	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

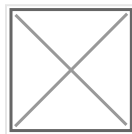
SIGLEC15 / SIGLEC-15; Polyclonal Antibody; Rabbit Polyclonal to Human SIGLEC15 / SIGLEC-15; SIGLEC15; CD33 antigen-like 3; CD33L3; HsT1361; SIGLEC-15; CD33 moleculelike 3; anti-SIGLEC15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SIGLEC15 antibody is predicted to not cross-react with other SIGLEC family members.
Purity/Purification	Peptide Column Affinity Chromatography
Form/Format	PBS containing 0.02% Sodium Azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	328
Applicable Applications for anti-SIGLEC15 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target	SIGLEC15
Immunogen Species	SIGLEC15 antibody was raised against Human
Antigen Type	Synthetic peptide
Immunogen	SIGLEC15 antibody was raised against a 15 AA synthetic peptide near the NTerminus of human SIGLEC15. The immunogen is located within aa 50-100 of SIGLEC15.
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

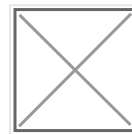
Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Store at 4°C for up to 3 months. Store at -20°C for up to 1 year. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of SIGLEC15 in K562 cell lysate with SIGLEC15 antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.



IHC (Immunohistochemistry)

Anti-SIGLEC15 / SIGLEC-15 antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SIGLEC15 antibody

Family: New

NCBI AND UNIPROT INFORMATION

NCBI GI #	47106069
NCBI GeneID	284266
NCBI Accession #	NP_998767.1
NCBI GenBank Nucleotide #	NM_213602.2
UniProt Accession #	Q6ZMC9; A8K2Y5; B4DVQ9
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://stage.aaabiotech.com/polyclonal/siglec15-siglec-15-antibody-western-blot-immunohistochemistry-elisa/52442>