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Datasheet for ABIN6991662
anti-SIGLEC15 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	SIGLEC15
Binding Specificity:	AA 50-100, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIGLEC15 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	SIGLEC15 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human SIGLEC15. The immunogen is located within amino acids 50 - 100 of SIGLEC15.
Isotype:	IgG
Specificity:	SIGLEC15 antibody is predicted to not cross-react with other SIGLEC family members.
Purification:	SIGLEC15 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SIGLEC15
Alternative Name:	SIGLEC15 (SIGLEC15 Products)

Target Details

Background: 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.

Molecular Weight: Predicted: 36 kDa
Observed: 42 kDa

Gene ID: 284266

NCBI Accession: [NP_998767](#)

UniProt: [Q6ZMC9](#)

Application Details

Application Notes: SIGLEC15 antibody can be used for detection of SIGLEC15 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SIGLEC15 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C, 4 °C

Storage Comment: SIGLEC15 antibody can be stored at 4°C for three months and -20°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.