

Datasheet for ABIN6991110
anti-SIGLEC11 antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	SIGLEC11
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIGLEC11 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Siglec11 antibody was raised against an 18 amino acid synthetic peptide from near the carboxy terminus of human Siglec11. The immunogen is located within the last 50 amino acids of Siglec11.
Isotype:	IgG
Purification:	Siglec11 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SIGLEC11
Alternative Name:	Siglec11 (SIGLEC11 Products)
Background:	Siglec11 Antibody: Siglecs are sialic acid-binding lectins of the immunoglobulin superfamily

Target Details

that are mainly expressed in cells of the hematopoietic system. Siglec11 is unlike other siglecs in that it binds specifically to alpha2-8-linked sialic acids and is not found in peripheral blood leukocytes but instead on macrophages of various tissues. Siglec11 is highly homologous to Siglec10 over their extracellular domain but not over their cytoplasmic domain, suggesting that Siglec11 arose through gene duplication followed by a recombination event involving another ancestral siglec gene. Following treatment of Siglec11-transfected cells with pervanadate, Siglec11 becomes tyrosine-phosphorylated and strongly associates with SHP-1 and SHP-2. At least five isoforms of Siglec11 are known to exist. Siglec11 antibody will not cross-react with Siglec10.

Gene ID: 114132

NCBI Accession: [NP_443116](#)

UniProt: [Q96RL6](#)

Application Details

Application Notes: Siglec11 antibody can be used for detection of Siglec11 by Western blot at 1 µg/mL. Despite its predicted size, Siglec11 migrates at a higher than expected molecular weight in SDS-PAGE. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Siglec11 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.

Storage: -20 °C, 4 °C

Handling

Storage Comment: Siglec11 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.