

Datasheet for ABIN1385507 **anti-SIGLEC9 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SIGLEC9
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIGLEC9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SIGLEC9
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	SIGLEC9
Alternative Name:	SIGLEC9 (SIGLEC9 Products)
Background:	Synonyms: CD329, CDw329, OB binding protein like, OBBP LIKE, Protein FOAP 9, Protein FOAP-9, sialic acid binding Ig like lectin 9, Sialic acid-binding Ig-like lectin 9, Sialic acid-binding immunoglobulin like lectin 9, SIGL9_HUMAN, Siglec 9, Siglec-9, SIGLEC9.

Target Details

Background: Two families of mammalian lectin-like adhesion molecules bind glycoconjugate ligands in a sialic acid-dependent manner: the selectins and the sialoadhesins. The sialic acid-binding immunoglobulin superfamily lectins, designated siglecs or sialoadhesins, are immunoglobulin superfamily members recognizing sialylated ligands. The common sialic acids of mammalian cells are N-acetyl-neuraminic acid (Neu5Ac) and N-glycolyl-neuraminic acid (Neu5Gc). Siglec-1 mediates local cell-cell interactions in lymphoid tissues and can be detected at contact points of macrophages with other macrophages, sinus-lining cells and reticulum cells. Siglec-7, highly expressed in monocytes and resident blood cells, but not in parenchymatous cells, mediates inhibition of natural killer cell cytotoxicity. Siglec-9 is closely homologous to Siglec-7, the gene encoding it maps to chromosome 19q13.41 in humans. It is highly expressed in peripheral blood leukocytes (but not eosinophils), liver, bone marrow, placenta and spleen. Siglec-8, a type I membrane protein, is selectively expressed on human eosinophils, basophils and mast cells, where it regulates their function and survival.

Gene ID: 27180

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months