

Product datasheet

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ARG57745 anti-Siglec 8 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes Siglec 8

Tested Reactivity Hu, Ms, Rat

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name Siglec 8

Species Human

Immunogen Recombinant protein of Human SIGLEC8.

Conjugation Un-conjugated

Alternate Names Siglec-8; Sialic acid-binding Ig-like lectin 8; SIGLEC-8; SAF-2; Sialoadhesin family member 2; SAF2;

SIGLEC8L

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse liver	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol SIGLEC8

Gene Full Name sialic acid binding Ig-like lectin 8

Background Sialic acid-binding immunoglobulin (Ig)-like lectins, or SIGLECs (e.g., CD33 (MIM 159590)), are a family

of type 1 transmembrane proteins each having a unique expression pattern, mostly in hemopoietic cells. SIGLEC8 is a member of the CD33-like subgroup of SIGLECs, which are localized to 19q13.3-q13.4 and have 2 conserved cytoplasmic tyrosine-based motifs: an immunoreceptor tyrosine-based inhibitory motif, or ITIM (see MIM 604964), and a motif homologous to one identified in signaling lymphocyte activation molecule (SLAM; MIM 603492) that mediates an association with SLAM-associated protein (SAP; MIM 300490) (summarized by Foussias et al., 2000 [PubMed 11095983]).[supplied by OMIM, May

2010]

Function Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to

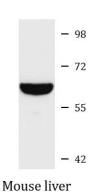
alpha-2,3-linked sialic acid. Also binds to alpha-2,6-linked sialic acid. The sialic acid recognition site may

be masked by cis interactions with sialic acids on the same cell surface. [UniProt]

Calculated Mw 54 kDa

Cellular Localization Membrane; Single-pass type I membrane protein [UniProt]

Images



ARG57745 anti-Siglec 8 antibody WB image

Western blot: 25 μg of Mouse liver lysate stained with ARG57745 anti-Siglec 8 antibody at 1:1000 dilution.