

Datasheet for ABIN7013899

anti-SIGLEC8 antibody (Extracellular Domain)[Go to Product page](#)**1** Image

Overview

Quantity:	0.1 mg
Target:	SIGLEC8
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIGLEC8 antibody is un-conjugated
Application:	ELISA, Immunoprecipitation (IP), Flow Cytometry (FACS)

Product Details

Immunogen:	Extracellular domain of human SIGLEC8 fused with Fc fragment of human IgG1
Clone:	7C9
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody 7C9 recognizes an extracellular epitope of SIGLEC8, an eosinophil marker, expressed e.g. in lymph nodes and spleen.
Purification:	Purified by protein-A affinity chromatography.

Target Details

Target:	SIGLEC8
Alternative Name:	SIGLEC8 (SIGLEC8 Products)

Target Details

Background: Sialic acid binding Ig like lectin 8, SIGLEC8 is a sialic acid binding lectin similar to CD33. In its cytoplasmic domain it contains an immunoreceptor tyrosine-based inhibitory motif (ITIM), and a motive similar to a binding site for SLAM-associated protein. SIGLEC8 is expressed e.g. in lymph nodes and spleen. It is an eosinophil marker, although it can be found also on the surface of mast cells. Crosslinking of SIGLEC8 leads to apoptosis. Soluble form of SIGLEC8 can be found in human serum, especially in case of eosinophil-associated diseases., SAF2

Gene ID: 27181

UniProt: [Q9NYZ4](#)

Application Details

Application Notes: Flow cytometry: Recommended dilution: 1-4 µg/mL

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

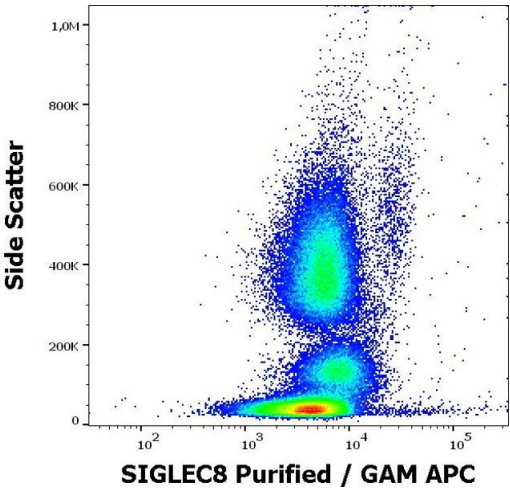
Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

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: 4 °C

Storage Comment: Store at 2-8°C. Do not freeze.



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human SIGLEC8 (7C9) purified antibody (concentration in sample 6 µg/mL, GAM APC).