Datasheet for ABIN2749061

anti-SIGLEC7 antibody

2 Images

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Overview

Quantity:	0.1 mg
Target:	SIGLEC7
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIGLEC7 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	human dendritic cells
Clone:	6-434
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody 6-434 recognizes an extracellular epitope of CD328 (Siglec-7), a 75 kDa transmembrane glycoprotein expressed mainly on NK cells, dendritic cells and monocytes.
Cross-Reactivity (Details):	Human
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

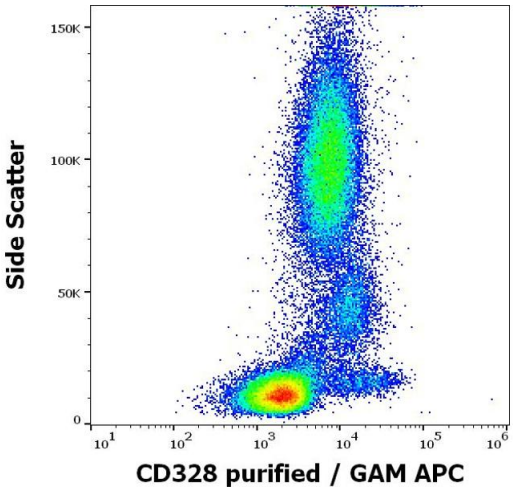
Target:	SIGLEC7
Alternative Name:	CD328 / Siglec-7 (SIGLEC7 Products)
Background:	Sialic acid binding Ig like lectin 7,CD328, also known as Siglec-7 or p75/AIRM1, is a 75 kDa type I transmembrane glycoprotein of sialic acid-binding immunoglobulin-like lectin (Siglec) family. CD328 binds to sialylated glycans with alpha2,6 sialyl and alpha2,8 disyalyl residues and mediates sialic acid-dependent cell-cell binding. As it contains in its intracellular part the immunoreceptor tyrosine-based inhibitory motif (ITIM), it serves as an inhibitory receptor, e.g. of NK cells.,SIGLEC7, p75/AIRM1, D-siglec
Gene ID:	27036
UniProt:	Q9Y286

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL
Restrictions:	For Research Use only

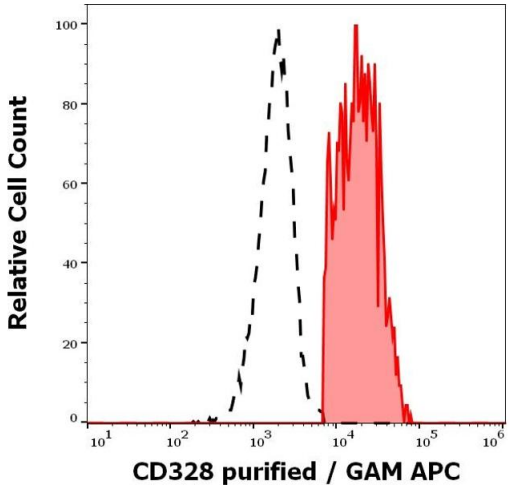
Handling

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 CD328 (6-434) purified antibody (concentration in sample 3 µg/mL, GAM APC).



Flow Cytometry

Image 2. Separation of human CD328 positive lymphocytes (red-filled) from CD328 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD328 (6-434) purified antibody (concentration in sample 3 µg/mL, GAM APC).