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12-9451-PE: PE-conjugated Anti-SIGLEC7 antibody(DMC475); IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	DMC475
Application :	Flow Cyt
Reactivity :	Human
Conjugate :	PE-conjugated
Gene :	SIGLEC7
Uniprot ID :	Q9Y286
Alternative Name :	AIRM-1; AIRM1; CD328; CDw328; D-siglec; p75; p75:AIRM1; QA79; SIGLEC-7; SIGLEC19P; SIGLECP2
Isotype :	Rabbit/Human Fc chimeric IgG1

Description

Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,3- and alpha-2,6-linked sialic acid. Also binds disialogangliosides (disialogalactosyl globoside; disialyl lactotetraosylceramide and disialyl GalNAc lactotetraoslylceramide). The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. In the immune response; may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. Mediates inhibition of natural killer cells cytotoxicity. May play a role in hemopoiesis. Inhibits differentiation of CD34 cell precursors towards myelomonocytic cell lineage and proliferation of leukemic myeloid cells (in vitro).[UniProtKB:Swiss-Prot Function]

Product Info

Amount :	100 Test
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Liquid PBS with 0.05% Proclin300, 1% BSA
Storage condition :	Store at 2°C-8°C for 6 months

Application Note

Flow Cyt 1:100

For Research Use Only. Not for use in diagnostic/therapeutics procedures.