PRODUCT INFORMATION

Clone ID	DMC475
Target	SIGLEC7
Synonyms	AIRM-1; AIRM1; CD328; CDw328; D-siglec; p75; p75:AIRM1; QA79; SIGLEC-7; SIGLEC19P; SIGLECP2
Host Species	Rabbit
Description	Anti-SIGLEC7 antibody(DMC475); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	Q9Y286
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr

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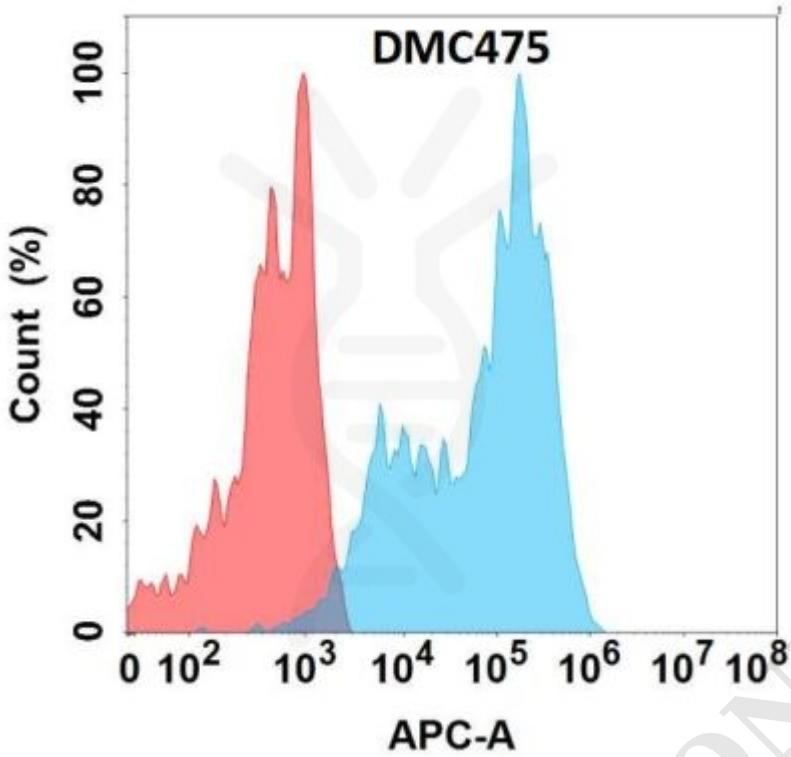

Figure 1. Flow cytometry analysis with Anti-SIGLEC7 (DMC475) on HEK293 cells transfected with human SIGLEC7 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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