

ARG44738
anti-CD328 / Siglec 7 antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes CD328 / Siglec 7
Tested Reactivity	Hu
Tested Application	IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	CD328 / Siglec 7
Species	Human
Conjugation	Un-conjugated
Alternate Names	QA79 membrane protein; p75; CD antigen CD328; SIGLEC19P; Adhesion inhibitory receptor molecule 1; SIGLECP2; Sialic acid-binding Ig-like lectin 7; SIGLEC-7; p75/AIRM1; CDw328; Siglec-7; AIRM-1; CD328; AIRM1; D-siglec; QA79

Application Instructions

Application table	Application	Dilution
	IP	10 µg/mL
	WB	
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
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 or below. 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	SIGLEC7
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Gene Full Name	sialic acid binding Ig-like lectin 7
Function	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 lactotetraosylceramide). 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). [UniProt]
Calculated Mw	51 kDa
PTM	Tyrosine phosphorylated. [UniProt]
Cellular Localization	Membrane; Single-pass type I membrane protein. [UniProt]

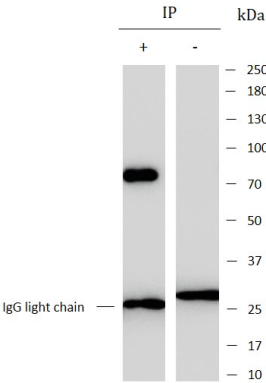
Images

ARG44738 anti-CD328 / Siglec 7 antibody WB image



Western blot: HL60 stained with ARG44738 anti-CD328 / Siglec 7 antibody at 1 µg/mL dilution.

ARG44738 anti-CD328 / Siglec 7 antibody IP image



Immunoprecipitation: HL60 lysate immunoprecipitated with 2.5 µg of ARG44738 anti-CD328 / Siglec 7 antibody.