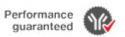


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SIGLEC7 Polyclonal Antibody

Catalog Number PA5-11693 Product data sheet

Details	
Size	400 μL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Туре	Antibody
Immunogen	KLH conjugated synthetic peptide between 407-438 amino acids from the C-terminal region of human SIGLEC7 (D-siglec)
Conjugate	Unconjugated
Form	Liquid
Concentration	Lot-specific
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles

Tested Applications	Dilution *
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100
Western Blot (WB)	1:1,000

^{*} Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Background/Target Information

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).

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