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CD329 Polyclonal Antibody

Catalog # AP73461

Product Information

Application	WB
Primary Accession	Q9NYZ4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54042

Additional Information

Gene ID	27181
Other Names	SIGLEC8; SAF2; Sialic acid-binding Ig-like lectin 8; Siglec-8; CDw329; Sialoadhesin family member 2; SAF-2; CD329
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

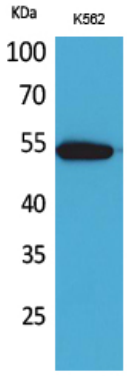
Protein Information

Name	SIGLEC8
Synonyms	SAF2
Function	Putative adhesion molecule that mediates sialic-acid dependent binding to blood cells (PubMed:10625619, PubMed:10856141). Preferentially binds to alpha-2,3-linked sialic acid. Also binds to alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface (PubMed:10625619). Recognizes simultaneously epitopes having a terminal N-acetylneuraminic acid (sialic acid) and an underlying 6-O-sulfated galactose. Preferentially binds to Gal-6-sulfated sialyl-Lewis X glycan epitopes (PubMed:27357658).
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed specifically on blood cells namely basophil, mast cells and eosinophils.

Background

Putative adhesion molecule that mediates sialic-acid dependent binding to red blood cells (PubMed:10856141, PubMed:10625619). Preferentially binds to alpha-2,3-linked sialic acid. Also binds to alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface (PubMed:10625619). Recognizes simultaneously epitopes having a terminal N-acetylneuraminic acid (sialic acid) and an underlying 6-O-sulfated galactose. Preferentially binds to Gal-6-sulfated sialyl-Lewis X glycan epitopes (PubMed:27357658).

Images



Western Blot analysis of K562 cells using CD329 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000