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CD329 Polyclonal Antibody
Catalog # AP73461

Specification

CD329 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q9NYZ4
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

CD329 Polyclonal Antibody - 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℃

CD329 Polyclonal Antibody - 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.

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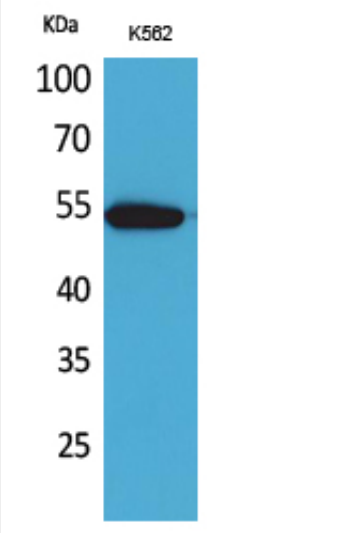
Tissue Location
Expressed specifically on blood cells namely basophil, mast cells and eosinophils.

CD329 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD329 Polyclonal Antibody - Images



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

CD329 Polyclonal Antibody - 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).