

Anti-CD329 Antibody

Catalog # AP96052

Product Information

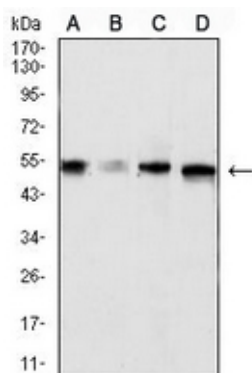
Application	WB, IHC, FC
Primary Accession	Q9NYZ4
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	54042

Additional Information

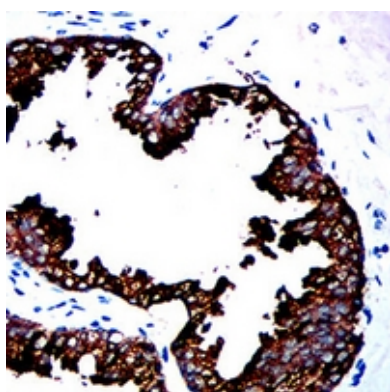
Gene ID	27181
Other Names	SAF2; SialIC, acid-binding Ig-like lectin 8; Siglec-8; Sialoadhesin family member 2; SAF-2
Target/Specificity	Recombinant fusion protein of human CD329 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

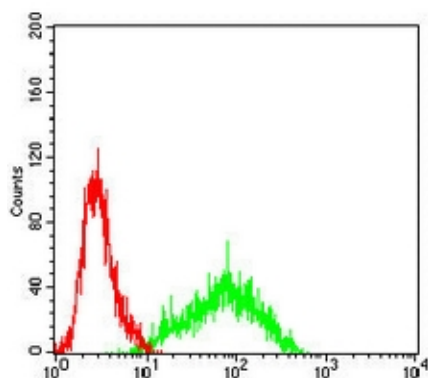
Name	SIGLEC8
Synonyms	SAF2
Function	Putative adhesion molecule that mediates sialic-acid dependent binding to blood cells (PubMed: 10625619 , PubMed: 10856141). Preferentially binds to alpha-2,3-linked sialic acid. Also binds to alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked 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.



Western blot analysis of CD329 expression in mouse liver (A), rat liver (B), MCF7 (C), HT29 (D) whole cell lysates. (Predicted band size: 54 kD; Observed band size: 54 kD)



Immunohistochemical analysis of CD329 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of Jurkat cells using Anti-CD329 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.