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Product datasheet for TA392400M

Sialoadhesin (SIGLEC1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:1000~1:2000
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human CD169.
Specificity:	CD169 polyclonal antibody detects endogenous levels of CD169 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 200 kDa
Gene Name:	sialic acid binding Ig like lectin 1
Database Link:	Entrez Gene 6614 Human Q9BZZ2

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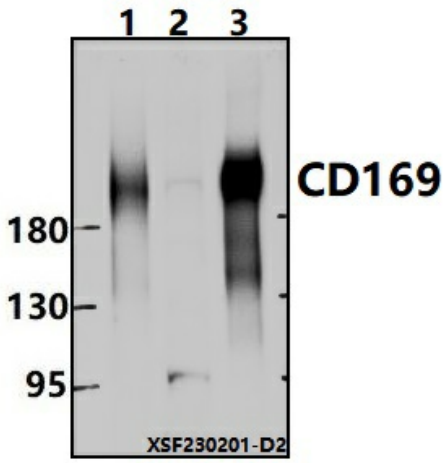
Background: Two families of mammalian lectin-like adhesion molecules, the selectins and the sialoadhesins, bind glycoconjugate ligands in a sialic acid-dependent manner. The sialic acid-binding immunoglobulin superfamily lectins, designated siglecs or sialoadhesins, are immunoglobulin superfamily members that recognize sialylated ligands. The common sialic acids of mammalian cells are N-acetylneuraminic acid (Neu5Ac) and N-glycolylneuraminic acid (Neu5Gc). The human Siglec-1 gene maps to chromosome 20p13 and encodes a 1,709 amino acid protein, also known as CD169. Alternative splicing of the Siglec-1 gene produces a variant, encoding a type I transmembrane protein isoform that is soluble rather than membrane-bound. Studies have shown human Siglec-1 has greater affinity for Neu5Ac over Neu5Gc. Siglec-1 is a sialic acid-binding receptor that is expressed in hemopoietic cells. It mediates local cell-cell interactions in lymphoid tissues and can be detected at contact points of macrophages with other macrophages, sinus-lining cells and reticulum cells.

Synonyms: CD169; Sialic acid-binding Ig-like lectin 1; Sialoadhesin; Siglec-1; SIGLEC1; SN

Note: For research use only, not for use in diagnostic procedure.

Product images:



Western blot (WB) analysis of CD169 polyclonal antibody at 1:1000 dilution Lane1:RAW264.7 whole cell lysate(30ug) Lane2:Myla2059 whole cell lysate(30ug) Lane3:The Spleen tissue lysate of Rat(30ug)