Datasheet for ABIN7319880

DC-SIGN/CD209 Protein (Fc Tag)

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Overview

Quantity:	50 µg
Target:	DC-SIGN/CD209 (CD209)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DC-SIGN/CD209 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human DC-SIGN/CD209 (N-Fc)
Sequence:	Gln59-Ala404
Characteristics:	Recombinant Human CD209 Antigen is produced by our Mammalian expression system and the target gene encoding Gln59-Ala404 is expressed with a Fc tag at the N-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	DC-SIGN/CD209 (CD209)
Alternative Name:	DC-SIGN/CD209 (CD209 Products)
Background:	Background: CD209 is also known as CLEC4L, DC-SIGN and CD209 antigen, is a type II transmembrane protein on DCs with a C-type lectin extracellular domain, is capable of binding ICAM-3 on resting T cells in the secondary lymphoid organs, providing the initial contact

Target Details

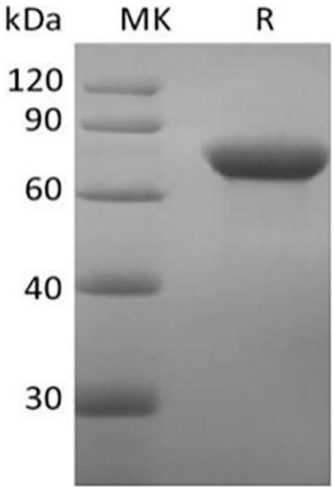
	between these cells during the establishment of cell-mediated immunity. The DC-SIGN/CD209 lectin domain binds mannose oligosaccharides on pathogens including HIV as well as self glycoproteins including ICAMs (2, 4). DC-SIGN/CD209 binds to butyrophilin 2A1 and this interaction can be blocked by HIV pp120. DC-SIGN/CD209 is expressed on dendritic cells (DC) and inflammatory macrophages and contributes to antigen presentation. It is not only a pattern recognition receptor but implicated in immunoregulation of DCs. It has important role in mediating DC adhesion, migration, inflammation, activating primary T cell, triggering immune response and participating in immune escape of pathogens and tumors. Synonym: CD209 Molecule, CD209, CDSIGNHIV gpl20-binding protein, CLEC4L, DCSIGN, DC-SIGN, DC-SIGN1, CD209 Antigen
Molecular Weight:	65.3 kDa
UniProt:	Q9NNX6

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.

