

Anti-CD209 Antibody

Catalog # AP95735

Product Information

Application	WB, FC
Primary Accession	Q9NNX6
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	45775

Additional Information

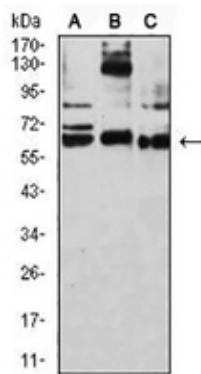
Gene ID	30835
Other Names	CLEC4L; CD209 antigen; C-type lectin domain family 4 member L; Dendritic, cell-specific, IC, AM-3-grabbing non-integrin 1; DC-SIGN; DC-SIGN1; CD209
Target/Specificity	Recombinant fusion protein of human CD209 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. 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

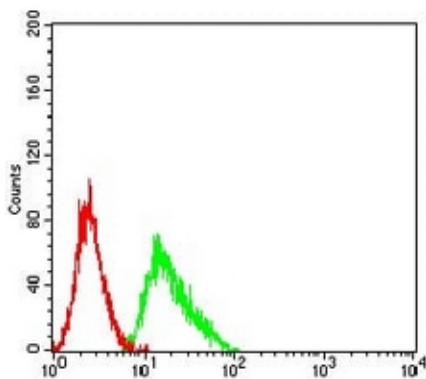
Name	CD209 (HGNC:1641)
Synonyms	CLEC4L
Function	Pathogen-recognition receptor expressed on the surface of immature dendritic cells (DCs) and involved in initiation of primary immune response. Thought to mediate the endocytosis of pathogens which are subsequently degraded in lysosomal compartments. The receptor returns to the cell membrane surface and the pathogen-derived antigens are presented to resting T-cells via MHC class II proteins to initiate the adaptive immune response.
Cellular Location	[Isoform 1]: Membrane raft; Single-pass type II membrane protein [Isoform 3]: Cell membrane; Single- pass type II membrane protein [Isoform 5]: Cell membrane; Single- pass type II membrane protein [Isoform 7]: Secreted. [Isoform 9]: Secreted. [Isoform 11]: Secreted.
Tissue Location	Predominantly expressed in dendritic cells and in DC-residing tissues. Also found in placental macrophages, endothelial cells of placental vascular

channels, peripheral blood mononuclear cells, and THP-1 monocytes.

Images



Western blot analysis of CD209 expression in THP1 (A), HL60 (B), A431 (C) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 60 kD)



Flow cytometric analysis of Ramos cells using Anti-CD209 Antibody (green) and negative control (red).

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