antibodies -online.com





anti-DC-SIGN/CD209 antibody

2 Images



Publication



Go to Product page

_					
U	V	er	VI	е	W

Quantity:	0.1 mg	
Target:	DC-SIGN/CD209 (CD209)	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This DC-SIGN/CD209 antibody is un-conjugated	
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunocytochemistry (ICC)	

Product Details

Immunogen:	CD209-His-tagged fusion protein	
Clone:	UW60-1	
Isotype:	IgG2a	
Specificity:	The mouse monoclonal antibody UW60.1 recognizes an extracellular epitope of human CD209 (DC-SIGN), a 44 kDa transmembrane receptor, expressed on the surface of dendritic cells and macrophages.	
Cross-Reactivity (Details):	Human	
Purification:	Purified by protein-A affinity chromatography.	
Purity:	> 95 % (by SDS-PAGE)	

Target Details

Target:	DC-SIGN/CD209 (CD209)
Alternative Name:	CD209 (CD209 Products)
Background:	CD209 Molecule,CD209, also known as DC-SIGN (dendritic cell-specific ICAM-3-grabbing nonintegrin) is a transmembrane receptor expressed on the surface of dendritic cells and macrophages, which recognizes numerous pathogens ranging from parasites to viruses. Its N-terminal domain is transmembrane, whereas a tandem-repeat neck domain and the C terminal C-type lectin carbohydrate recognition domain have dual function as a pathogen recognition receptor and a cell adhesion receptor. The neck region is responsible for homo-oligomerization which allows the receptor to bind multivalent ligands with high avidity. A ligand of CD209 is also CD50 (ICAM-3).,CLEC4L, DC-SIGN1, CDSIGN
Gene ID:	30835
UniProt:	Q9NNX6

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 μg/mL.
Restrictions:	For Research Use only
Handling	

Concentration:	1 mg/mL	
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Do not freeze.	
Storage:	4 °C	
Storage Comment:	Store at 2-8°C. Do not freeze.	

Publications

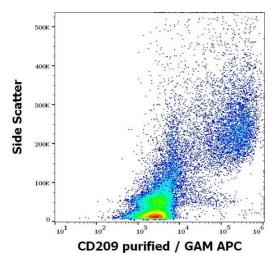
Product cited in:

Ryan, Marshall, Magaletti, Floyd, Draves, Olson, Clark: "Dendritic cell-associated lectin-1: a novel dendritic cell-associated, C-type lectin-like molecule enhances T cell secretion of IL-4." in:

Journal of immunology (Baltimore, Md.: 1950), Vol. 169, Issue 10, pp. 5638-48, (2002) (

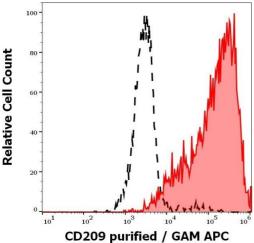
PubMed).

Images



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human stimulated (GM-CSF+IL-4) peripheral blood mononuclear cells stained using anti-human CD209 (UW60.1) purified antibody (concentration in sample 0.6 μ g/mL, GAM APC).



Flow Cytometry

Image 2. Separation of human myeloid cells (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human stimulated (GM-CSF+IL-4) peripheral blood mononuclear cells stained using antihuman CD209 (UW60.1) purified antibody (concentration in sample 0.6 μg/mL, GAM APC).