

Mouse CD209 Monoclonal Antibody | anti-CD209 antibody

MOUSE ANTI HUMAN CD209:FITC

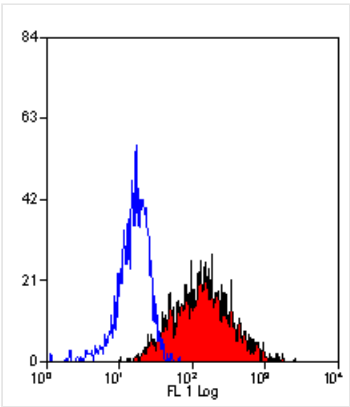
CATALOG # AAA12140	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

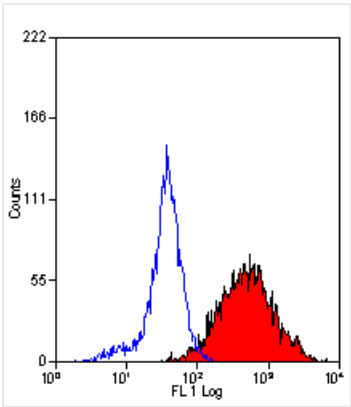
CD209; Monoclonal Antibody; MOUSE ANTI HUMAN CD209:FITC; anti-CD209 antibody

PRODUCT SPECIFICATIONS

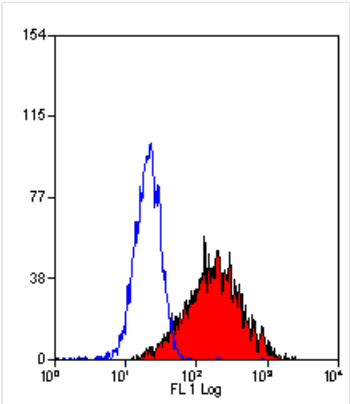
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	MR-1
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	268
Applicable Applications for anti-CD209 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Flow Cytometry: Minimum Dilution: Neat; Maximum Dilution: 1/5
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



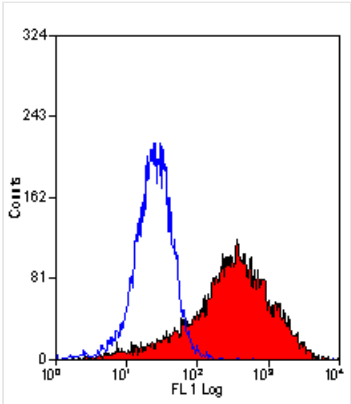
Application Data
Staining of CD209 transfected K562 cells with Mouse anti Human CD209: Biotin



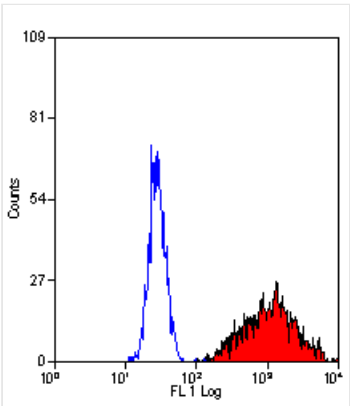
Application Data
Staining of CD209 transfected K562 cells with Mouse anti Human CD209: FITC



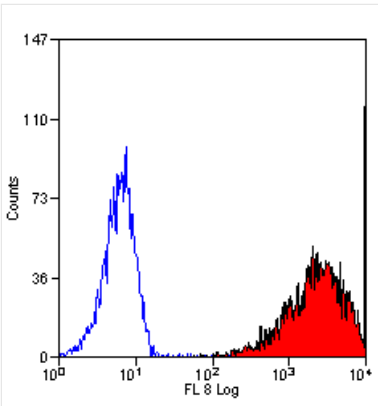
Application Data
Staining of CD209 transfected K562 cells with Mouse anti Human CD209



Application Data
Staining of CD209 transfected K562 cells with Mouse anti Human CD209



Application Data
Staining of CD209 transfected K562 cells with Mouse anti Human CD209: Alexa Fluor 488



Application Data
Staining of CD209 transfected K562 cells with Mouse anti Human CD209: Alexa Fluor 647

ADDITIONAL INFORMATION

Related Product Information for anti-CD209 antibody

Mouse anti Human CD209 antibody, clone MR-1 recognizes human DC-specific ICAM-3 grabbing nonintegrin (DC-SIGN), a 45kD C-type lectin that binds ICAM-3 also known as CD209. CD209 is primarily expressed on a population of immature dendritic cells in peripheral tissues and on immature myeloid monocyte-derived DC's in vitro. CD209 is involved in dendritic cell (DC) migration and the initial interaction between DC's and naive T lymphocytes. CD209 also binds HIV-1 gp120 and plays a key role in the dissemination of HIV-1 by DC's. Clone MR-1 is reported to partially block the functional activity of DC-SIGN (Melero et al.).

NCBI AND UNIPROT INFORMATION

NCBI GI #	223029380
NCBI GeneID	30835
NCBI Accession #	NP_001138365.1
NCBI GenBank Nucleotide #	NM_001144893.1
UniProt Accession #	Q9NNX6; Q2TB19; Q96QP7; Q96QP8; Q96QP9; Q96QQ0; Q96QQ1; Q96QQ2; Q96QQ3; A8KAM4; A8MVQ9; G5E9C4
Molecular Weight	33,874 Da
NCBI Official Full Name	CD209 antigen isoform 5
NCBI Official Synonym Full Names	CD209 molecule
NCBI Official Symbol	CD209
NCBI Official Synonym Symbols	CDSIGN; CLEC4L; DC-SIGN; DC-SIGN1
NCBI Protein Information	CD209 antigen; C-type lectin domain family 4 member L; C-type lectin domain family 4, member L; HIV gpl20-binding protein; dendritic cell-specific ICAM-3-grabbing non-integrin 1; dendritic cell-specific intracellular adhesion molecules (ICAM)-3 grabbing non-integrin
UniProt Protein Name	CD209 antigen
UniProt Gene Name	CD209
UniProt Synonym Gene Names	CLEC4L; DC-SIGN; DC-SIGN1
UniProt Entry Name	CD209_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd209-antibody-clone-mr-1-flow-cytometry-elisa/12140>