

Rabbit anti-Human DC-SIGN Polyclonal Antibody | anti-CD209 antibody

DC-SIGN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40326	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

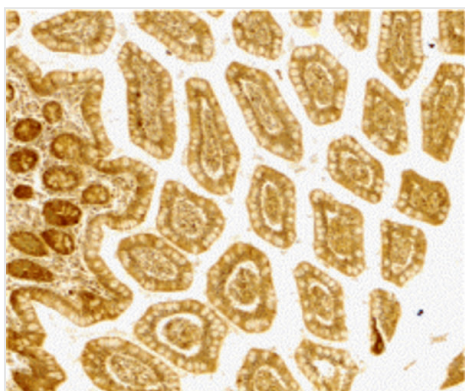
PRODUCT SYNONYMS

DC-SIGN; Polyclonal Antibody; DC-SIGN Antibody; CDSIGN; CLEC4L; DC-SIGN1; CD209 antigen; C-type lectin domain family 4 member L; CD209 molecule; anti-CD209 antibody

PRODUCT SPECIFICATIONS

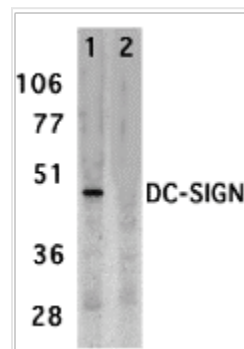
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	DC-SIGN Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	404
Applicable Applications for anti-CD209 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	DC-SIGN antibody was raised against a synthetic peptide corresponding to amino acids near the center of human DC-SIGN.
Buffer	DC-SIGN Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	DC-SIGN antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of DC-SIGN in human small intestine tissue with DC-SIGN antibody at 10 µg/mL.



WB (Western Blot)

Western blot analysis of DC-SIGN expression in human placenta tissue lysate in the absence (lane 1) and presence (lane 2) of blocking peptide with DC-SIGN antibody at 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CD209 antibody	DC-SIGN Antibody: Dendritic cells (DCs) that control immune responses were recently found to capture and transport HIV from the mucosal area to remote lymph nodes, where DCs hand over HIV to CD4+ T lymphocytes. DCs also amplify the amount of virus and extend the duration of viral infectivity. Multiple strains of HIV-1, HIV-2 and SIV bind to DCs via DC-SIGN. ICAM-3 is the natural ligand for DC-SIGN. A DC-SIGN homologue (termed DC-SIGNR, L-SIGN, and DC-SIGN2) was identified recently. DC-SIGN forms a novel gene family with DC-SIGNR and many alternatively spliced isoforms of DC-SIGN and DC-SIGNR. The expression of DC-SIGN was found in mucosal tissues including placenta, small intestine, and rectum.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46396012
NCBI GeneID	30835
UniProt Accession #	Q9NNX6; Q2TB19; Q96QP7; Q96QP8; Q96QP9; Q96QQ0; Q96QQ1; Q96QQ2; Q96QQ3; A8KAM4; A8MVQ9; G5E9C4
Molecular Weight	44 kDa
NCBI Official Full Name	CD209 antigen
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; HIV gpl20-binding protein; C-type lectin domain family 4 member L; C-type lectin domain family 4, member L; 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.