

Mouse anti-Human DC-SIGN Monoclonal Antibody | anti-DC-SIGN antibody

DC-SIGN Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300810	Mouse	Human	Immunohistochemistry, Western Blot, ELISA

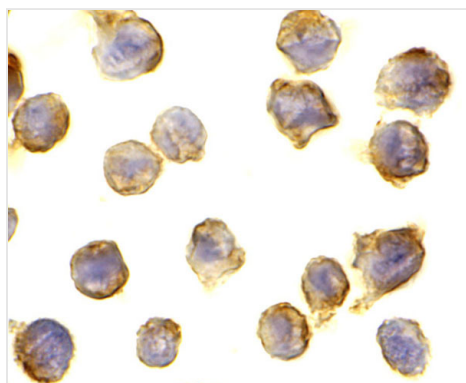
PRODUCT SYNONYMS

DC-SIGN; Monoclonal Antibody; DC-SIGN Monoclonal Antibody; DC-SIGN (5D7); Dendritic cell-specific ICAM-3-grabbing nonintegrin 1; anti-DC-SIGN antibody

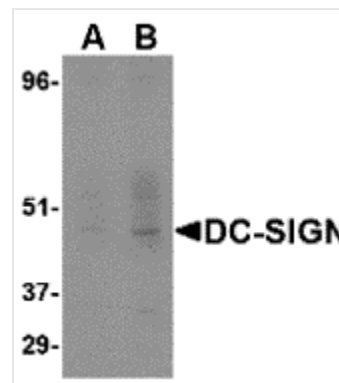
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	5D7
Purity/Purification	Immunoaffinity chromatography purified IgG
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	268
Applicable Applications for anti-DC-SIGN antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	A recombinant His-tagged protein fragment corresponding to the extracellular region of human DC-SIGN.
Target Name	DC-SIGN
Preparation and Storage	Can be stored at -20 degree C, stable for one year.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of DC-SIGN in lymph node tissue with DC-SIGN antibody at 5 ug/mL.


WB (Western Blot)

Western blot detection of DC-SIGN fusion protein in human placenta at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-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 (8). The expression of DC-SIGN was found in mucosal tissues including placenta, small intestine, and rectum.
Product Categories/Family for anti-DC-SIGN antibody	Total protein Ab

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
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/dc-sign-antibody-clone-5d7-immunohistochemistry-western-blot-elisa/300810>