DC-SIGN Polyclonal Antibody Cy5 Conjugated

Catalog No: #C00562Cy5

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	DC-SIGN Polyclonal Antibody Cy5 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF;FC
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide derived from human DC-SIGN CD209
Conjugates	Cy5
Target Name	DC-SIGN
Other Names	CLEC4L; Dendritic cell-specic ICAM-3-grabbing non-integrin 1; C type lectin domain family 4 member L; CD 209; CD209; CD209 antigen; CD209 antigen-like protein A; CD209 molecule; Cd209a; CDSIGN; CIRE; DC SIGN1; DCSIGN; Dendritic cell specic ICAM 3 grabbing nonintegrin 1; Dendritic cell specic ICAM3 g
Accession No.	NCBI Gene ID:30835
Uniprot	Q9NNX6
GeneID	30835;
Excitation Emission	625,650nm 670nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

IF:1:50-200

Background

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 HIV1, HIV2 and SIV bind to DCs via DCSIGN. ICAM3 is the natural ligand for DC-SIGN. A DC-SIGN homologue (termed CD299, DC-SIGNR, L-SIGN and DCSIGN2) 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.

Note: This product is for in vitro research use only