

Goat anti-DC-SIGN / CD209 Antibody

Item Number	dAP-3259
Target Molecule	Principle Name: DC-SIGN / CD209; Official Symbol: CD209; All Names and Symbols: CD209; CD209 molecule; CDSIGN; CLEC4L; DC-SIGN; DC-SIGN1; C-type lectin domain family 4 member L; C-type lectin domain family 4, member L; CD209 antigen; HIV gpl20-binding protein; dendritic cell-specific ICAM-3-grabbing non-integrin 1; dendritic cell-spe; Accession Number (s): NP_066978.1; NP_001138368.1; NP_001138369.1; NP_001138365.1; NP_001138366.1; NP_001138367.1; NP_001138371.1; Human
Immunogen	NRGEPNNVGEED, is from internal region This antibody is expected to recognize all reported isoforms.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Bone Marrow lysates (calculated MW of 45.8kDa according to NP_066978.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Goncalves AR, Moraz ML, Pasquato A, Helenius A, Lozach PY, Kunz S. Role of DC-SIGN in Lassa virus entry into human dendritic cells. Journal of virology 2013 Nov 87 (21): 11504-15..PMID: 23966408->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**