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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB12715 - Goat Anti-DC-SIGN / CD209 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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-specific intracellular adhesion molecules (ICAM)-3 grabbing non-integrin

Official Symbol: CD209

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 GeneID(s): [30835](#)

Important Comments: This antibody is expected to recognize all reported isoforms.

Immunogen

Peptide with sequence C-NRGEPNNVGEED, from the internal region of the protein sequence according to NP_066978.1; NP_001138368.1; NP_001138369.1; NP_001138365.1; NP_001138366.1; NP_001138367.1; NP_001138371.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Placenta. Recommended concentration: 6µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB12715 (0.3µg/ml) staining of Human Bone Marrow lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB12715 (6µg/ml) staining of paraffin embedded Human Placenta. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

EB12715 Negative Control showing staining of paraffin embedded Human Placenta, with no primary antibody.