

Anti-DC-SIGNR [16E7] Standard Size Ab00130-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 16E7

Alternative Name(s) of Target: CD299; C-type lectin domain family 4 member M; CD209 antigen-like protein 1; DC-SIGN-related protein; CLEC4M; Dendritic cell-specific ICAM-3-grabbing non-integrin 2; DC-SIGN2; Liver/lymph node-specific ICAM-3-grabbing non-integrin; L-SIGN

UniProt Accession Number of Target Protein: Q9H2X3

Published Application(s): FC, IHC

Published Species Reactivity: Human

Immunogen: CD299

Specificity: Human CD299, which is an oligomeric type II transmembrane protein with a C-type lectin extracellular domain, the expression of which is restricted to immature DC, macrophages in the lung, and endothelial cells in the liver. It binds ICAM-3 and ICAM-7 to mediate the interaction of DC with T lymphocytes and endothelial cells in the initial stages of immune response and in the migratory behavior of DC. CD299 also binds the gp120 protein of HIV and the E2 envelope protein of HCV, thereby playing a role in viral infection.

Application Notes:

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.