

## Product datasheet for **TA385702**

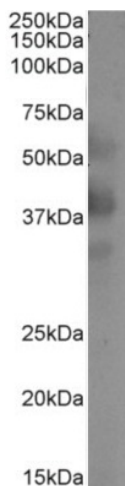
### CD299 (CLEC4M) Rabbit Monoclonal Antibody [Clone ID: 160000000]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	160000000
Applications:	FC, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
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.
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	C-type lectin domain family 4 member M
Database Link:	<a href="#">Entrez Gene 10332 Human Q9H2X3</a>
Synonyms:	CD209L; CD209L1; CD299; DC-SIGN2; DC-SIGNR; DCSIGNR; HP10347; L-SIGN; LSIGN; MGC47866; MGC129964
Note:	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.



[View online »](#)

**Product images:**

Western Blot using anti-DC-SIGNR (CLEC4M) antibody 16E7 (TA385702). Jurkat cell extract (35µg protein in RIPA buffer) was resolved on a 10% SDS PAGE gel and blots probed with the chimeric rabbit version of 16E7 (TA385702) at 0.1 µg/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence. The expected band size for DC-SIGNR is 45.3kDa, though 9 other isoforms of this protein are known ranging in size from 22.4-44.7kDa (Uniprot ID: Q9H2X3). DC-SIGNR is also glycosylated at several positions. TA385702 successfully detected the canonical human DC-SIGNR, as well as multiple other isoforms.