

Rabbit CLEC4M Polyclonal Antibody | anti-CLEC4M antibody

CLEC4M Polyclonal Antibody

CATALOG # AAA281202	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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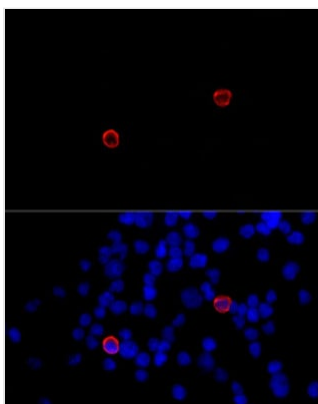
PRODUCT SYNONYMS

CLEC4M; Polyclonal Antibody; CLEC4M Polyclonal Antibody; CD209L; CD299; DC-SIGN2; DC-SIGNR; DCSIGNR; HP10347; L-SIGN; LSIGN; anti-CLEC4M antibody

PRODUCT SPECIFICATIONS

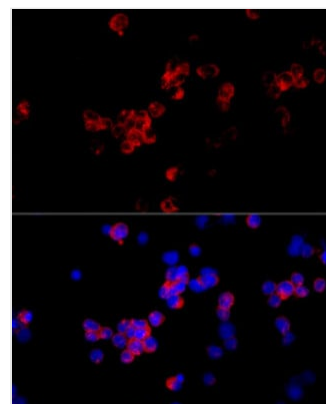
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence	YFMSNSQRNW HDSVTACQEV RAQLVVIKTA EEQNFLQLQT SRSNRFWSWG LSDLNQEGTW QWVDGSPLSP SFQRYWNSGE PNNSGNEDCA EFGSGWWDN RCDVDNYWIC KKPAACFRDE
Sequence Length	375
Applicable Applications for anti-CLEC4M antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CLEC4M (NP_055072.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



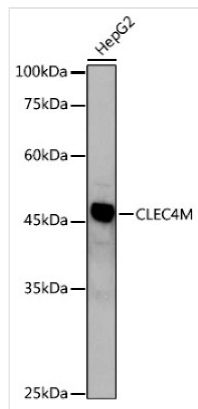
IF (Immunofluorescence)

Immunofluorescence analysis of 293T-CD299 cells using CLEC4M Rabbit pAb (AAA281202) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of 293T cells using CLEC4M Rabbit pAb (AAA281202) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of HepG2 cells, using CLEC4M antibody (AAA281202) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25?g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CLEC4M antibody	This gene encodes a C-type lectin that functions in cell adhesion and pathogen recognition. This receptor recognizes a wide range of evolutionarily divergent pathogens with a large impact on public health, including tuberculosis mycobacteria, and viruses including Ebola, hepatitis C, HIV-1, influenza A, West Nile virus and the SARS-CoV acute respiratory syndrome coronavirus. The protein is organized into four distinct domains: a C-terminal carbohydrate recognition domain, a flexible tandem-repeat neck domain of variable length, a transmembrane region and an N-terminal cytoplasmic domain involved in internalization. This gene is closely related in terms of both sequence and function to a neighboring gene, CD209 (Gene ID: 30835), also known as DC-SIGN. The two genes differ in viral recognition and expression patterns, with this gene showing high expression in endothelial cells of the liver, lymph node and placenta. Polymorphisms in the tandem repeat neck domain are associated with resistance to SARS infection.
Product Categories/Family for anti-CLEC4M antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	223278337
NCBI GeneID	10332
NCBI Accession #	NP_001138377.1
NCBI GenBank Nucleotide #	NM_001144905.1
UniProt Accession #	Q9H2X3 ; Q69F40 ; Q969M4 ; Q96QP3 ; Q96QP4 ; Q96QP5 ; Q96QP6 ; Q9BXS3 ; Q9H2Q9 ; Q9H8F0 ; A6NKI4 ; A8K8B3
Molecular Weight	Calculated: 45kDa Observed: 45kDa
NCBI Official Full Name	C-type lectin domain family 4 member M isoform 12
NCBI Official Synonym Full Names	C-type lectin domain family 4 member M
NCBI Official Symbol	CLEC4M
NCBI Official Synonym Symbols	CD299; LSIGN; CD209L; L-SIGN; DCSIGNR; HP10347; DC-SIGN2; DC-SIGNR
NCBI Protein Information	C-type lectin domain family 4 member M
UniProt Protein Name	C-type lectin domain family 4 member M
UniProt Gene Name	CLEC4M

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/clec4m-antibody-western-blot-elisa/281202>