

Rabbit anti-Human CLEC4E Polyclonal Antibody | anti-CLEC4E antibody

CLEC4E Antibody, Biotin conjugated

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119317	Rabbit	Human	ELISA

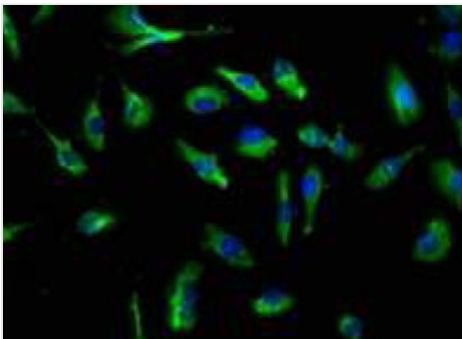
PRODUCT SYNONYMS

CLEC4E; Polyclonal Antibody; CLEC4E Antibody; Biotin conjugated; C-type lectin domain family 4 member E; CLECSF9; MINCLE; UNQ218/PRO244; C-type lectin superfamily member 9; Macrophage-inducible C-type lectin; anti-CLEC4E antibody

PRODUCT SPECIFICATIONS

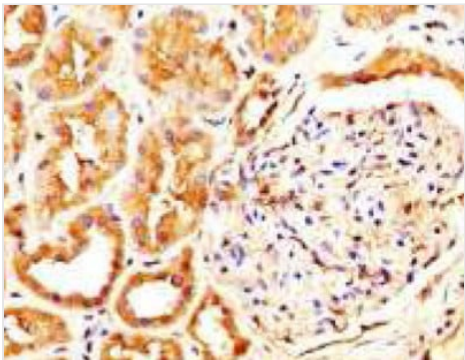
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Form/Format	Liquid
Sequence Length	219
Applicable Applications for anti-CLEC4E antibody	ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Biotin
Immunogen	Recombinant human C-type lectin domain family 4 member E protein (41-219AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Immunology
Target Names	CLEC4E
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-161488
Preparation and Storage	Upon receipt store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



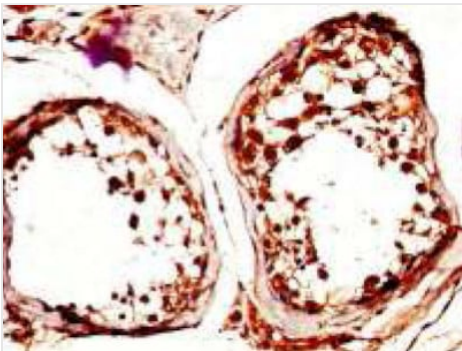
IF (Immunofluorescence)

Immunofluorescence staining of U251 cells with AAA119317 at 1:250, counter- stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA119317 diluted at 1:600 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA119317 diluted at 1:600 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-CLEC4E antibody	C-type lectin that functions as cell-surface receptor for a wide variety of ligands such as damaged cells, fungi and mycobacteria. Plays a role in the recognition of pathogenic fungi, such as Candida albicans. The detection of mycobacteria is via trehalose 6,6'-dimycolate (TDM), a cell wall glycolipid. Specifically recognizes alpha-mannose residues on pathogenic fungi of the genus Malassezia. Recognizes also SAP130, a nuclear protein, that is released by dead or dying cells. Transduces signals through an ITAM-containing adapter protein, Fc receptor gamma chain /FCER1G. Induces secretion of inflammatory cytokines through a pathway that depends on SYK, CARD9 and NF-kappa-B.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657333
NCBI GeneID	26253
NCBI Accession #	NP_055173.1
NCBI GenBank Nucleotide #	NM_014358.3
UniProt Accession #	Q9ULY5; B2R6Q6
Molecular Weight	25,073 Da

NCBI Official Full Name	C-type lectin domain family 4 member E
NCBI Official Synonym Full Names	C-type lectin domain family 4 member E
NCBI Official Symbol	CLEC4E
NCBI Official Synonym Symbols	MINCLE; CLECSF9
NCBI Protein Information	C-type lectin domain family 4 member E
UniProt Protein Name	C-type lectin domain family 4 member E
UniProt Gene Name	CLEC4E
UniProt Synonym Gene Names	CLECSF9; MINCLE
UniProt Entry Name	CLC4E_HUMAN

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/clec4e-antibody-elisa/119317>