

## Rabbit anti-Human, Mouse CLEC4E Polyclonal Antibody | anti-CLEC4E antibody

CLEC4E Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                    |
|-----------|--------|--------------|-------------------------------------------------|
| AAA118613 | Rabbit | Human, Mouse | Immunofluorescence, Immunohistochemistry, ELISA |

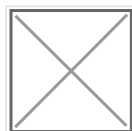
### PRODUCT SYNONYMS

CLEC4E; Polyclonal Antibody; CLEC4E Antibody; 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

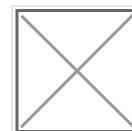
|                                                  |                                                                                            |
|--------------------------------------------------|--------------------------------------------------------------------------------------------|
| Host  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

### IMAGES



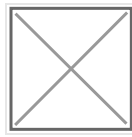
#### IF (Immunofluorescence)

Immunofluorescence staining of U251 cells with 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 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



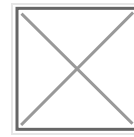
#### IHC (Immunohistochemistry)

IHC diluted at 1:600 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond<sup>TM</sup> 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### IHC (Immunohistochemistry)

IHC diluted at 1:600 and staining in paraffin-embedded human testis tissue performed on a Leica Bond<sup>TM</sup> 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system



#### WB (Western Blot)

Western blotAll lanes: CLEC4E antibody at 0.3ug/ml+ Mouse spleen tissueGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 25 kDaObserved band size: 25 kDa

## 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                         |
| 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-immunofluorescence-immunohistochemistry-elisa/118613>