

## Rabbit CLEC 4E Polyclonal Antibody | anti-CLEC4E antibody

CLEC 4E Antibody FITC Conjugated

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                         |
|-----------|--------|-------------------|------------------------------------------------------|
| AAA313059 | Rabbit | Human, Mouse, Rat | Flow Cytometry, Functional Assay, Immunofluorescence |

### PRODUCT SYNONYMS

CLEC 4E; Polyclonal Antibody; CLEC 4E Antibody FITC Conjugated; C type lectin domain family 4 member E; C type lectin superfamily member 9; C-type calcium dependent carbohydrate recognition domain lectin superfamily member 9; C-type lectin domain family 4 member E; C-type lectin superfamily member 9; CLC4E\_HUMAN; CLEC4E Clec4e; CLECSF9; Macrophage induc; anti-CLEC4E antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                        |
|--------------------------------------------------|------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                 |
| Reactivity                                       | Human, Mouse, Rat                                                      |
| Clonality                                        | Polyclonal                                                             |
| Isotype                                          | IgG                                                                    |
| Purity/Purification                              | Purified by Protein A                                                  |
| Form/Format                                      | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.       |
| Concentration                                    | 1 mg/ml (varies by lot)                                                |
| Applicable Applications for anti-CLEC4E antibody | FCM/FACS (Flow Cytometry), IF (Immunofluorescence)                     |
| Conjugation                                      | FITC                                                                   |
| Excitation Emission                              | 494nm 518nm                                                            |
| Cell Localization                                | Extracellular                                                          |
| Immunogen                                        | KLH conjugated synthetic peptide derived from human CLECSF9 CLEC4E     |
| Preparation and Storage                          | Store at -20 degree C for one year. Avoid repeated freeze/thaw cycles. |

### 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. |
| Product Categories/Family for anti-CLEC4E antibody   | <a href="#">Conjugated Primary Antibodies</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

### NCBI AND UNIPROT INFORMATION

|             |                         |
|-------------|-------------------------|
| NCBI GI #   | <a href="#">7657333</a> |
| NCBI GeneID | <a href="#">26253</a>   |

|                                  |                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_055173.1</a>                                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | <a href="#">NM_014358.3</a>                                                                                                                                                                              |
| UniProt Accession #              | <a href="#">Q9ULY5</a> ; <a href="#">B2R6Q6</a>                                                                                                                                                          |
| 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; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 9; C-type lectin superfamily member 9; macrophage-inducible C-type lectin |
| UniProt Protein Name             | C-type lectin domain family 4 member E                                                                                                                                                                   |
| UniProt Gene Name                | <b>CLEC4E</b>                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | MINCLE1 PublicationManual assertion based on opinion iniRef.10                                                                                                                                           |

**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://www.aaabiotech.com/polyclonal/clec-4e-antibody-flow-cytometry-immunofluorescence-elisa/313059>