

## Rabbit CD3d Polyclonal Antibody | anti-CD3D antibody

Anti-CD3d Antibody

| CATALOG # | HOST   | REACTIVITY    | APPLICATIONS                                          |
|-----------|--------|---------------|-------------------------------------------------------|
| AAA104988 | Rabbit | Human, Monkey | Immunocytochemistry, Immunofluorescence, Western Blot |

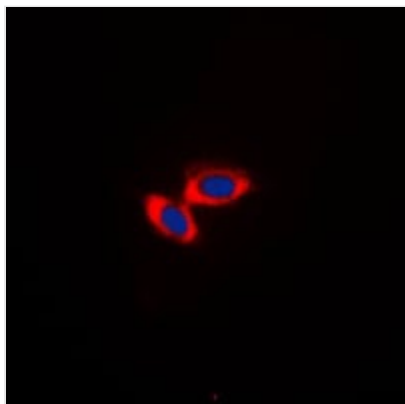
### PRODUCT SYNONYMS

CD3d; Polyclonal Antibody; Anti-CD3d Antibody; T3D; T-cell surface glycoprotein CD3 delta chain; T-cell receptor T3 delta chain; anti-CD3D antibody

### PRODUCT SPECIFICATIONS

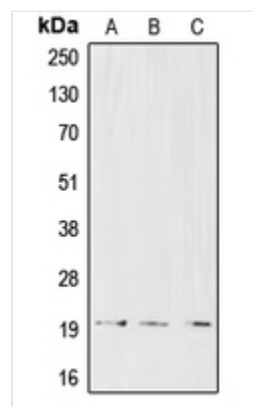
|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human, Monkey                                                                                                                       |
| Clonality                                      | Polyclonal                                                                                                                          |
| Specificity                                    | Recognizes endogenous levels of CD3d protein.                                                                                       |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                                     |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                           |
| Sequence Length                                | 171                                                                                                                                 |
| Applicable Applications for anti-CD3D antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                                               |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD3d. The exact sequence is proprietary. |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                      |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of CD3d staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### WB (Western Blot)

Western blot analysis of CD3d expression in CCRFCM (A), Jurkat (B), HuT78 (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-CD3D antibody | Rabbit polyclonal antibody to CD3d |
|----------------------------------------------------|------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4502669                                                                                                                                                                    |
| NCBI GeneID                      | 915                                                                                                                                                                        |
| NCBI Accession #                 | NP_000723.1                                                                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_000732.4                                                                                                                                                                |
| UniProt Accession #              | P04234; A8MVP6                                                                                                                                                             |
| Molecular Weight                 | 14,484 Da                                                                                                                                                                  |
| NCBI Official Full Name          | T-cell surface glycoprotein CD3 delta chain isoform A                                                                                                                      |
| NCBI Official Synonym Full Names | CD3d molecule, delta (CD3-TCR complex)                                                                                                                                     |
| NCBI Official Symbol             | CD3D                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | T3D; IMD19; CD3-DELTA                                                                                                                                                      |
| NCBI Protein Information         | T-cell surface glycoprotein CD3 delta chain; OKT3, delta chain; CD3 antigen, delta subunit; T-cell receptor T3 delta chain; CD3d antigen, delta polypeptide (TIT3 complex) |
| UniProt Protein Name             | T-cell surface glycoprotein CD3 delta chain                                                                                                                                |
| UniProt Gene Name                | CD3D                                                                                                                                                                       |
| UniProt Synonym Gene Names       | T3D                                                                                                                                                                        |
| UniProt Entry Name               | CD3D_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://www.aaabiotech.com/polyclonal/cd3d-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/104988>