

## CD4 recombinant antibody

Anti-CD4 Reference Antibody (tregalizumab)

| CATALOG # | HOST     | REACTIVITY   | APPLICATIONS                                              |
|-----------|----------|--------------|-----------------------------------------------------------|
| AAA297293 | CHO Cell | Human, Mouse | Functional Assay, Flow Cytometry, Functional Assay, ELISA |

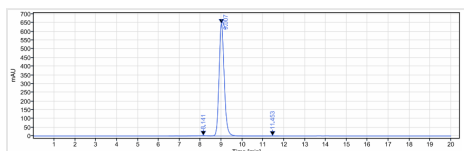
### PRODUCT SYNONYMS

CD4; Monoclonal Recombinant Antibody; Anti-CD4 Reference Antibody (tregalizumab); CD4 recombinant antibody

### PRODUCT SPECIFICATIONS

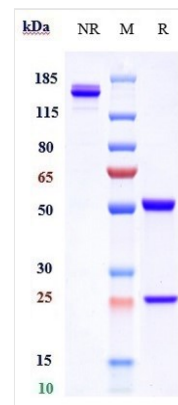
|                                                      |                                                                                                                                                  |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | CHO Cell                                                                                                                                         |
| Reactivity                                           | Human, Mouse                                                                                                                                     |
| Clonality                                            | Monoclonal                                                                                                                                       |
| Isotype                                              | IgG1                                                                                                                                             |
| Specificity                                          | CD4                                                                                                                                              |
| Form/Format                                          | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.                 |
| Concentration                                        | 1mg/ml (varies by lot)                                                                                                                           |
| Applicable Applications for CD4 recombinant antibody | FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA                                                                                          |
| Endotoxin                                            | < 0.001EU/ug, determined by LAL method.                                                                                                          |
| Conjugation                                          | Unconjugated                                                                                                                                     |
| Dry Ice Note                                         | The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.                                               |
| Preparation and Storage                              | Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles. |

### IMAGES



#### Application Data

The purity of Anti-CD4 Reference Antibody (tregalizumab) is more than 98.97% ,determined by SEC-HPLC.



#### SDS-PAGE

Anti-CD4 Reference Antibody (tregalizumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

ADDITIONAL INFORMATION

|                                                        |                    |
|--------------------------------------------------------|--------------------|
| Product Categories/Family for CD4 recombinant antibody | Primary Antibodies |
|--------------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 10835167                                                                                          |
| NCBI GeneID                      | 920                                                                                               |
| NCBI Accession #                 | NP_000607.1                                                                                       |
| NCBI GenBank Nucleotide #        | NM_000616.4                                                                                       |
| UniProt Accession #              | P01730; Q4ZGK2; Q5U066; Q9UDE5; B2R737; D3DUS5                                                    |
| Molecular Weight                 | 51,111 Da                                                                                         |
| NCBI Official Full Name          | T-cell surface glycoprotein CD4 isoform 1                                                         |
| NCBI Official Synonym Full Names | CD4 molecule                                                                                      |
| NCBI Official Symbol             | CD4                                                                                               |
| NCBI Official Synonym Symbols    | CD4mut                                                                                            |
| NCBI Protein Information         | T-cell surface glycoprotein CD4; CD4 receptor; CD4 antigen (p55); T-cell surface antigen T4/Leu-3 |
| UniProt Protein Name             | T-cell surface glycoprotein CD4                                                                   |
| UniProt Gene Name                | CD4                                                                                               |
| UniProt Entry Name               | CD4_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/monoclonal/cd4-recombinant-antibody-functional-assay-flow-cytometry-elisa/297293>