

## CD14 recombinant antibody

Anti-CD14 Reference Antibody (atibuclimab)

| CATALOG # | HOST     | REACTIVITY | APPLICATIONS                                              |
|-----------|----------|------------|-----------------------------------------------------------|
| AAA296840 | CHO Cell | Human      | Functional Assay, Flow Cytometry, Functional Assay, ELISA |

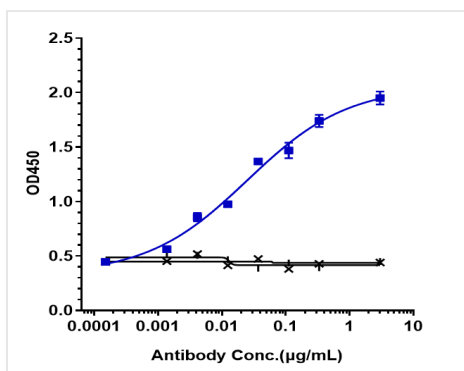
### PRODUCT SYNONYMS

CD14; Monoclonal Recombinant Antibody; Anti-CD14 Reference Antibody (atibuclimab); CD14 recombinant antibody

### PRODUCT SPECIFICATIONS

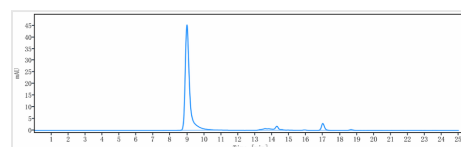
|                                                       |                                                                                                                                                  |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | CHO Cell                                                                                                                                         |
| Reactivity                                            | Human                                                                                                                                            |
| Clonality                                             | Monoclonal                                                                                                                                       |
| Isotype                                               | IgG4SP                                                                                                                                           |
| Specificity                                           | CD14                                                                                                                                             |
| 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 CD14 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



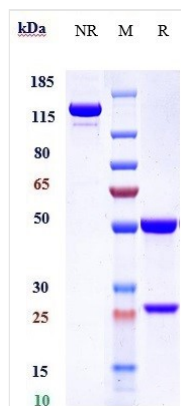
#### Application Data

Immobilized human CD14, Fc tag at 2 ug/mL can bind Anti-CD14 Reference Antibody (atibuclimab), EC50=0.0249ug/mL



#### Application Data

The purity of Anti-CD14 Reference Antibody (atibuclimab) is more than 95%, determined by SEC-HPLC.



#### SDS-PAGE

Anti-CD14 Reference Antibody (atibuclimab) 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 CD14 recombinant antibody | Primary Antibodies |
|---------------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                        | 4557417                                                                                |
| NCBI GeneID                      | 929                                                                                    |
| NCBI Accession #                 | NP_000582.1                                                                            |
| NCBI GenBank Nucleotide #        | NM_000591.3                                                                            |
| UniProt Accession #              | P08571; Q53XT5; Q96FR6; Q96L99; Q9UNS3                                                 |
| Molecular Weight                 | 53kDa                                                                                  |
| NCBI Official Full Name          | monocyte differentiation antigen CD14                                                  |
| NCBI Official Synonym Full Names | CD14 molecule                                                                          |
| NCBI Official Symbol             | CD14                                                                                   |
| NCBI Protein Information         | monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein |
| UniProt Protein Name             | Monocyte differentiation antigen CD14                                                  |
| UniProt Gene Name                | <b>CD14</b>                                                                            |
| UniProt Entry Name               | CD14_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/cd14-recombinant-antibody-functional-assay-flow-cytometry-elisa/296840>