



# CERTIFICATE OF ANALYSIS

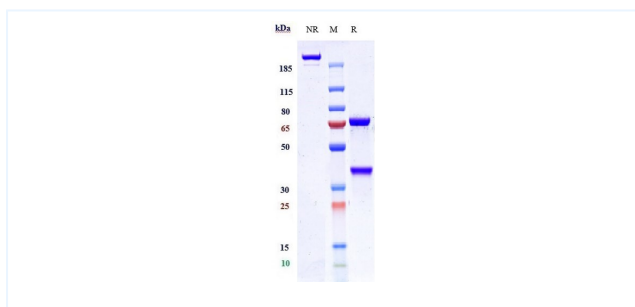


## Product Details

|                          |  |                           |              |
|--------------------------|--|---------------------------|--------------|
| <b>Product name:</b>     | Anti-TNFalpha & IL-17 Reference Antibody (ABT122)  | <b>Lot.No.:</b>           | P214750      |
| <b>Target Name:</b>      | TNFalpha & IL-17   | <b>Catalog:</b>           | CHB430       |
| <b>Target Accession:</b> | NP_000585.2 & Q16552-1   | <b>Concentration:</b>     | 1 mg/ml      |
| <b>Clonality:</b>        | Monoclonal   | <b>Isotype:</b>           | IgG1         |
| <b>Reactivity:</b>       | Human [WO2016118921]   | <b>Calculated MW:</b>     | 198.56 kDa   |
| <b>Application:</b>      | ELISA, FACS, Functional assay, Animal Model  | <b>Endotoxin:</b>         | <0.001 EU/ug |
| <b>Contains:</b>         | No preservative  | <b>Conjugation:</b>       | Unconjugated |
| <b>Formulation:</b>      | 1 x PBS, pH 6.0  | <b>Expression System:</b> | CHO          |
| <b>Storage:</b>          | -80°C for 2 years under sterile conditions -20°C for 1 year under sterile conditions<br>Avoid repeated freeze-thaw cycles. | <b>Purification:</b>      | Protein A    |

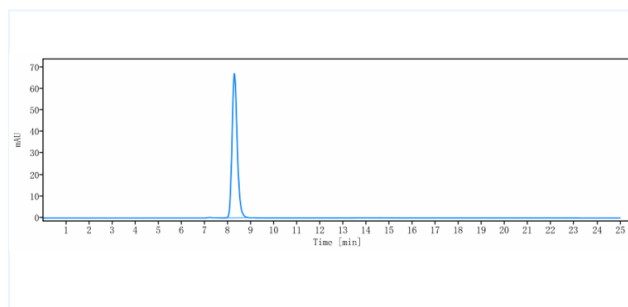
## Data

### Purity:SDS-PAGE



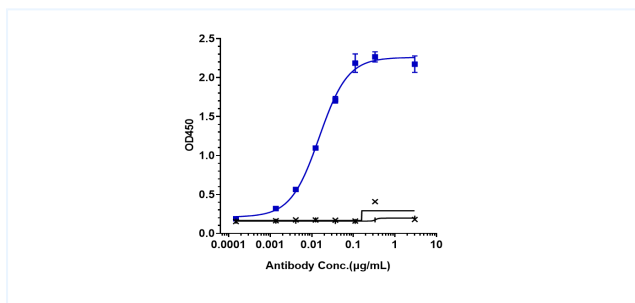
Anti-TNFalpha & IL-17 Reference Antibody (ABT122) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

### Purity:SEC-HPLC



The purity of Anti-TNFalpha & IL-17 Reference Antibody (ABT122) is 100%, determined by SEC-HPLC.

### Bioactivity:ELISA



Immobilized human TNF $\alpha$ , Fc Tag & IL-17a mFc at 2  $\mu$ g/mL can bind Anti-TNFalpha & IL-17 Reference Antibody (ABT122), EC50=0.01513  $\mu$ g/mL.

**The products are for research use only. Not for use in diagnostic procedures.**