

## CD38 recombinant antibody

Anti-CD38 Reference Antibody (mezagitamab)

| CATALOG # | HOST     | REACTIVITY                               | APPLICATIONS                                              |
|-----------|----------|------------------------------------------|-----------------------------------------------------------|
| AAA296891 | CHO Cell | Human, Mouse, Cynomolgus, Rhesus Macaque | Functional Assay, Flow Cytometry, Functional Assay, ELISA |

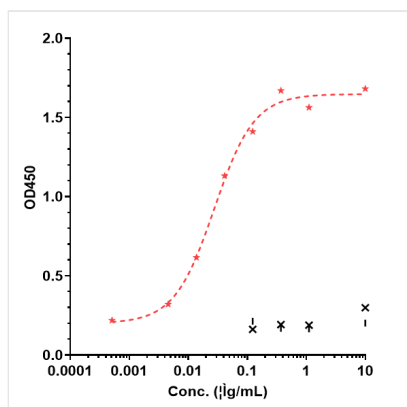
### PRODUCT SYNONYMS

CD38; Monoclonal Recombinant Antibody; Anti-CD38 Reference Antibody (mezagitamab); CD38 recombinant antibody

### PRODUCT SPECIFICATIONS

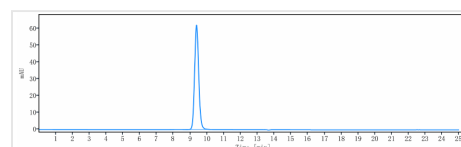
|                                                       |                                                                                                                                                  |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | CHO Cell                                                                                                                                         |
| Reactivity                                            | Human, Mouse, Cynomolgus, Rhesus Macaque                                                                                                         |
| Clonality                                             | Monoclonal                                                                                                                                       |
| Isotype                                               | IgG1                                                                                                                                             |
| Specificity                                           | CD38                                                                                                                                             |
| 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 CD38 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



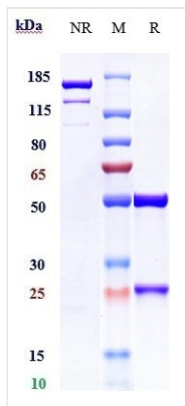
#### Application Data

Immobilized human CD38 NHis at 2 ug/mL can bind Anti-CD38 Reference Antibody (mezagitamab), EC50=0.0275ug/mL



#### Application Data

The purity of Anti-CD38 Reference Antibody (mezagitamab) is more than 95%, determined by SEC-HPLC.



#### SDS-PAGE

Anti-CD38 Reference Antibody (mezagitamab) 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 CD38 recombinant antibody | Primary Antibodies |
|---------------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 55977782                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 952                                                                                                                                                                                                                                                             |
| UniProt Accession #              | P28907; O00121; O00122; Q96HY4                                                                                                                                                                                                                                  |
| Molecular Weight                 | 300                                                                                                                                                                                                                                                             |
| NCBI Official Full Name          | ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1                                                                                                                                                                                                               |
| NCBI Official Synonym Full Names | CD38 molecule                                                                                                                                                                                                                                                   |
| NCBI Official Symbol             | CD38                                                                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | T10; ADPRC 1                                                                                                                                                                                                                                                    |
| NCBI Protein Information         | ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1; cADPr hydrolase 1; CD38 antigen (p45); NAD(+) nucleosidase; ADP-ribosyl cyclase 1; 2'-phospho-ADP-ribosyl cyclase; 2'-phospho-cyclic-ADP-ribose transferase; 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cycli |
| UniProt Protein Name             | ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1                                                                                                                                                                                                               |
| UniProt Gene Name                | CD38                                                                                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | ADPRC 1; cADPr hydrolase 1                                                                                                                                                                                                                                      |
| UniProt Entry Name               | CD38_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/cd38-recombinant-antibody-functional-assay-flow-cytometry-elisa/296891>