

## BACE1 recombinant antibody

Anti-BACE1 Reference Antibody (Genentech anti-BACE1)

| CATALOG # | HOST     | REACTIVITY        | APPLICATIONS                                              |
|-----------|----------|-------------------|-----------------------------------------------------------|
| AAA297447 | CHO Cell | Human, Cynomolgus | Functional Assay, Flow Cytometry, Functional Assay, ELISA |

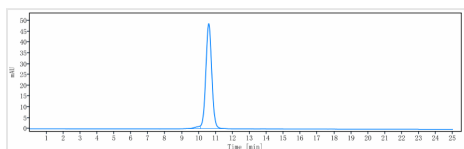
### PRODUCT SYNONYMS

BACE1; Monoclonal Recombinant Antibody; Anti-BACE1 Reference Antibody (Genentech anti-BACE1); BACE1 recombinant antibody

### PRODUCT SPECIFICATIONS

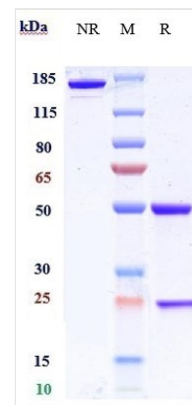
|                                                        |                                                                                                                                                  |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                   | CHO Cell                                                                                                                                         |
| Reactivity                                             | Human, Cynomolgus                                                                                                                                |
| Clonality                                              | Monoclonal                                                                                                                                       |
| Isotype                                                | IgG1                                                                                                                                             |
| Specificity                                            | BACE1                                                                                                                                            |
| 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 BACE1 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-BACE1 Reference Antibody (Genentech anti-BACE1) is more than 95% ,determined by SEC-HPLC.



#### SDS-PAGE

Anti-BACE1 Reference Antibody (Genentech anti-BACE1) 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 BACE1 recombinant antibody | Primary Antibodies |
|----------------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 333440466                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 23621                                                                                                                                                                                                                                                           |
| NCBI Accession #                 | NP_001193977.1                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001207048.1                                                                                                                                                                                                                                                  |
| UniProt Accession #              | P56817; Q9BYB9; Q9BYC0; Q9BYC1; Q9UJT5; Q9ULS1; A0M8W7; B0YIU9; E9PE65; H7BXJ9                                                                                                                                                                                  |
| Molecular Weight                 | 55,711 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | beta-secretase 1 isoform E                                                                                                                                                                                                                                      |
| NCBI Official Synonym Full Names | beta-site APP-cleaving enzyme 1                                                                                                                                                                                                                                 |
| NCBI Official Symbol             | BACE1                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | ASP2; BACE; HSPC104                                                                                                                                                                                                                                             |
| NCBI Protein Information         | beta-secretase 1; asp 2; memapsin-2; APP beta-secretase; aspartyl protease 2; beta-site APP cleaving enzyme 1; beta-secretase 1 precursor variant 1; transmembrane aspartic proteinase Asp2; membrane-associated aspartic protease 2; beta-site amyloid beta A4 |
| UniProt Protein Name             | Beta-secretase 1                                                                                                                                                                                                                                                |
| UniProt Gene Name                | BACE1                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | BACE; KIAA1149; ASP2; Asp 2                                                                                                                                                                                                                                     |
| UniProt Entry Name               | BACE1_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/bace1-recombinant-antibody-functional-assay-flow-cytometry-elisa/297447>