

## ERBB2/HER2/CD340 recombinant antibody

Anti-ERBB2/HER2/CD340 Reference Antibody (timigutuzumab)

| CATALOG # | HOST     | REACTIVITY        | APPLICATIONS                                              |
|-----------|----------|-------------------|-----------------------------------------------------------|
| AAA297002 | CHO Cell | Human, Cynomolgus | Functional Assay, Flow Cytometry, Functional Assay, ELISA |

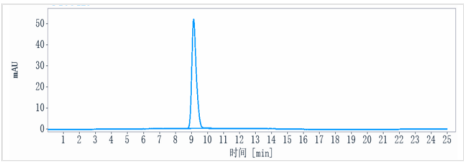
### PRODUCT SYNONYMS

ERBB2/HER2/CD340; Monoclonal Recombinant Antibody; Anti-ERBB2/HER2/CD340 Reference Antibody (timigutuzumab); ERBB2/HER2/CD340 recombinant antibody

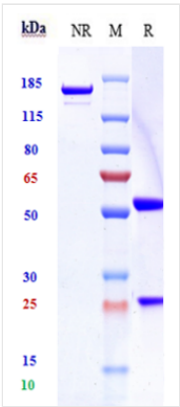
### PRODUCT SPECIFICATIONS

|                                                                   |                                                                                                                                                  |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                              | CHO Cell                                                                                                                                         |
| Reactivity                                                        | Human, Cynomolgus                                                                                                                                |
| Clonality                                                         | Monoclonal                                                                                                                                       |
| Isotype                                                           | IgG1                                                                                                                                             |
| Specificity                                                       | ERBB2/HER2/CD340                                                                                                                                 |
| 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 ERBB2/HER2/CD340 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-ERBB2 / HER2 / CD340 Reference Antibody (timigutuzumab) is more than 95% ,determined by SEC-HPLC.



**SDS-PAGE**  
Anti-ERBB2 / HER2 / CD340 Reference Antibody (timigutuzumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%

ADDITIONAL INFORMATION

|                                                                     |                    |
|---------------------------------------------------------------------|--------------------|
| Product Categories/Family for ERBB2/HER2/CD340 recombinant antibody | Primary Antibodies |
|---------------------------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 54792098                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 2064                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_001005862.1                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001005862.1                                                                                                                                                                                                                                                  |
| UniProt Accession #              | P04626; Q14256; Q6LDV1; Q9UMK4; B2RZG3; B4DHN3                                                                                                                                                                                                                  |
| Molecular Weight                 | 137,910 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | receptor tyrosine-protein kinase erbB-2 isoform b                                                                                                                                                                                                               |
| NCBI Official Synonym Full Names | v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)                                                                                                                                                  |
| NCBI Official Symbol             | ERBB2                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/neu                                                                                                                                                                                                           |
| NCBI Protein Information         | receptor tyrosine-protein kinase erbB-2; herstatin; p185erbB2; proto-oncogene Neu; c-erb B2/neu protein; proto-oncogene c-ErbB-2; metastatic lymph node gene 19 protein; tyrosine kinase-type cell surface receptor HER2; neuroblastoma/glioblastoma derived on |
| UniProt Protein Name             | Receptor tyrosine-protein kinase erbB-2                                                                                                                                                                                                                         |
| UniProt Gene Name                | ERBB2                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | HER2; MLN19; NEU; NGL; MLN 19                                                                                                                                                                                                                                   |
| UniProt Entry Name               | ERBB2_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.