

## ErbB2 (HER2) Rabbit mAb

Catalog No: #56035

Package Size: #56035-1 50ul #56035-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

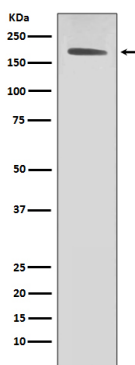
## Description

|                       |   |
|-----------------------|---|
| Product Name          | ErbB2 (HER2) Rabbit mAb   |
| Host Species          | Rabbit  |
| Clonality             | Monoclonal  |
| Isotype               | Rabbit IgG  |
| Purification          | Affinity-chromatography   |
| Applications          | WB IHC ICC/IF IP FC   |
| Species Reactivity    | Human   |
| Specificity           | ErbB2 (HER2) Antibody detects endogenous levels of total ErbB (HER2)                                  |
| Immunogen Description | A synthesized peptide derived from human ErbB2 (HER2)   |
| Other Names           | C-erbB-2; ErbB2; HER2, MLN 19; NEU; NEU proto-oncogene; NGL; Receptor protein-tyrosine kinase erbB-2; |
| Accession No.         | Uniprot:P04626  |
| Uniprot               | P04626  |
| Calculated MW         | 185kDa  |
| Formulation           | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.    |
| Storage               | Store at +4 $\Lambda$ C short term. Store at -20 $\Lambda$ C long term. Avoid freeze / thaw cycle.    |

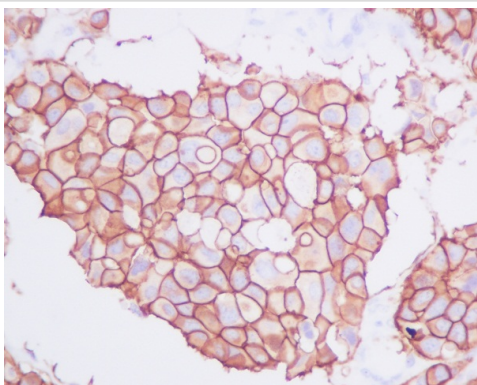
## Application Details

WB:1:500~1:2000IHC:1:50~1:200ICC/IF:1:50~1:200IP:1:50FC:1:50

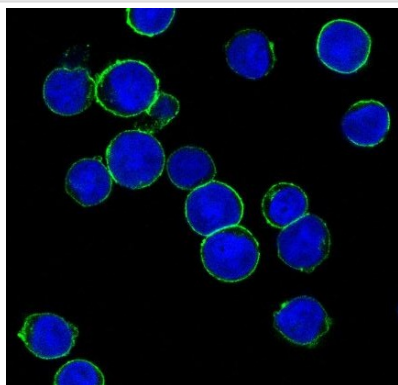
## Images



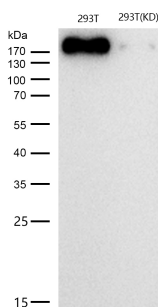
Western blot analysis of ErbB2 (HER2) expression in SKBR-3 cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma, using ErbB2 (HER2) Antibody.



Immunofluorescent analysis of SKBR cells, using ErbB2 (HER2) Antibody.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

## Product Description

This gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. This protein has no ligand binding domain of its own and therefore cannot bind growth factors. However, it does bind tightly to other ligand-bound EGF receptor family members to form a heterodimer, stabilizing ligand binding and enhancing kinase-mediated activation of downstream signalling pathways, such as those involving mitogen-activated protein kinase and phosphatidylinositol-3 kinase.

**Note:** This product is for in vitro research use only