

## Rabbit HER2 Polyclonal Antibody | anti-HER2 antibody

HER2 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA317068 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Western Blot |

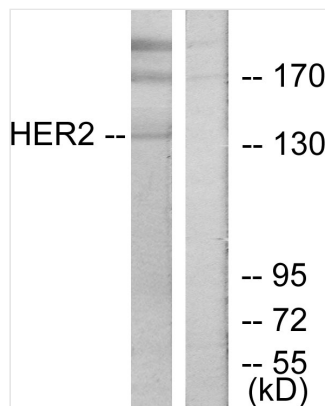
### PRODUCT SYNONYMS

HER2; Polyclonal Antibody; HER2 Antibody; C-erbB-2; Epidermal growth factor receptor-related protein; ErbB2; kinase ErbB2; MLN 19; NEU; NEU proto-oncogene; NGL; p185erbB2; Receptor protein-tyrosine kinase erbB-2; Receptor protein-tyrosine kinase erbB-2 precursor; Tyrosine kinase-type cell s; anti-HER2 antibody

### PRODUCT SPECIFICATIONS

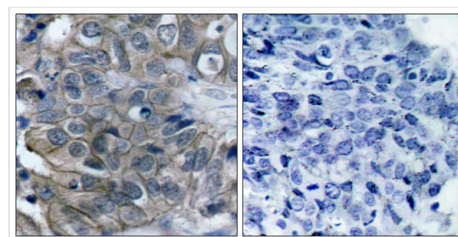
|                                                |                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                                                         |
| Clonality                                      | Polyclonal                                                                                                                |
| Specificity                                    | HER2 Antibody detects endogenous levels of total HER2 protein.                                                            |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using immunogen.                                                |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                   |
| Sequence Length                                | 888                                                                                                                       |
| Applicable Applications for anti-HER2 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                      |
| Target Modification                            | Unmodified/Total                                                                                                          |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human HER2.                                           |
| Immunogen Range                                | 851-900                                                                                                                   |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                               |

### IMAGES



#### WB (Western Blot)

Western blot analysis of lysates from MDA-MB-231 cells, using HER2 Antibody. The lane on the right is blocked with the synthesized peptide.



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using HER2 Antibody. The picture on the right is blocked with the synthesized peptide.

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 54792098                                               |
| NCBI GeneID                      | 2064                                                   |
| NCBI Accession #                 | NP_001005862.1                                         |
| NCBI GenBank Nucleotide #        | NM_001005862.2                                         |
| UniProt Accession #              | P04626; Q14256; Q6LDV1; Q9UMK4; B2RZG3; B4DHN3; X5D2V5 |
| Molecular Weight                 | 137 kDa                                                |
| NCBI Official Full Name          | receptor tyrosine-protein kinase erbB-2 isoform b      |
| NCBI Official Synonym Full Names | erb-b2 receptor tyrosine kinase 2                      |
| 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                |
| UniProt Protein Name             | Receptor tyrosine-protein kinase erbB-2                |
| UniProt Gene Name                | ERBB2                                                  |
| UniProt Synonym Gene Names       | HER2; MLN19; NEU; NGL; MLN 19                          |

**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://www.aaabiotech.com/polyclonal/her2-antibody-immunohistochemistry-western-blot-elisa/317068>