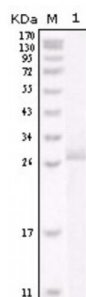


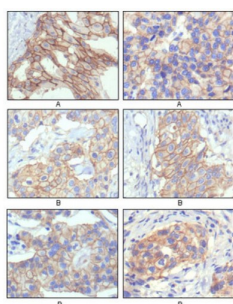
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## Receptor Tyrosine-Protein Kinase ErbB-2 (HER2) Antibody

Catalogue No.: abx011632



Western blot analysis using HER-2 antibody against truncated HER-2 recombinant protein.



Immunohistochemical analysis of paraffin-embedded human breast intraductal carcinoma tissue (A) and breast infiltrating ductal carcinoma tissue (B) showing membrane localization using HER-2 antibody with DAB staining.

The C-erbB-2 (HER-2/neu) gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. Amplification or overexpression of this gene has been reported in numerous cancers, including breast and ovarian tumors.

**Target:** HER-2

**Reactivity:** Human

**Host:** Mouse

**Clonality:** Monoclonal

**Tested Applications:** ELISA, WB, IHC

**Recommended dilutions:** ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Purified recombinant fragment of HER-2 expressed in E. Coli.

**Isotype:** IgG<sub>2b</sub>

**Conjugation:** Unconjugated

**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

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|                          |                                              |
|--------------------------|----------------------------------------------|
| <b>Molecular Weight:</b> | 138 kDa                                      |
| <b>Swiss Prot:</b>       | <a href="#">P04626</a>                       |
| <b>GeneID:</b>           | <a href="#">2064</a>                         |
| <b>Gene Symbol:</b>      | ERBB2                                        |
| <b>OMIM:</b>             | <a href="#">164870</a>                       |
| <b>HGNC:</b>             | 3430                                         |
| <b>Ensembl:</b>          | ENSG00000141736                              |
| <b>Buffer:</b>           | Ascitic fluid containing 0.03% sodium azide. |
| <b>Note:</b>             | This product is for research use only.       |