

Rabbit anti-Human HER2/ErbB2 Polyclonal Antibody | anti-HER2/ErbB2 antibody

HER2/ErbB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312091	Rabbit	Human	Immunohistochemistry, Immunocytochemistry, Western Blot

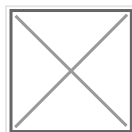
PRODUCT SYNONYMS

HER2/ErbB2; Polyclonal Antibody; HER2/ErbB2 Antibody; Verb b2 erythroblastic leukemia viral oncogene homolog 2; neuro/glioblastoma derived oncogene homolog antibody; C erb B2/neu protein antibody; CD340 antibody; CD340 antigen antibody; Cerb B2/neu protein antibody; CerbB2 antibody; Erb b2 receptor tyrosine kinase 2 antibody; ERBB2 antibody; ERBB2_HUMAN antibody; HER 2 antibody; HER 2/NEU antibody; HER2 antibody; Herstatin antibody; Human epidermal growth factor receptor 2 antibody; Metastatic lymph node gene 19 protein antibody; MLN 19 antibody; MLN19 antibody; NEU antibody; NEU proto oncogene antibody; Neuro/glioblastoma derived oncogene homolog antibody; Neuroblastoma/glioblastoma derived oncogene homolog antibody; NGL antibody; p185erbB2 antibody; Proto-oncogene c-ErbB-2 antibody; Proto-oncogene Neu antibody; Receptor tyrosine-protein kinase erbB-2 antibody; TKR1 antibody; Tyrosine kinase type cell surface receptor HER2 antibody; Tyrosine kinase-type cell surface receptor HER2 antibody; V erb b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog) antibody; V erb b2 avian erythroblastic leukemia viral oncogene homolog 2 antibody; V erb b2 avian erythroblastic leukemia viral oncoprotein 2 antibody; V erb b2 erythroblastic leukemia viral oncogene homolog 2; neuro/glioblastoma derived oncogene homolog (avian) antibody; anti-HER2/ErbB2 antibody

PRODUCT SPECIFICATIONS

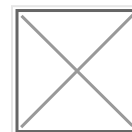
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-HER2/ErbB2 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



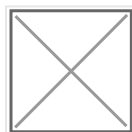
ICC (Immunocytochemistry)

ICC staining ErbB2 in SKOV-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human stomach carcinoma tissue using anti-Her 2 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of ErbB2 on different cell lysates using anti- ErbB2 antibody at 1/500 dilution. Positive control: Lane 1: SKOV-3 Lane2: SKBR-3

ADDITIONAL INFORMATION

Related Product Information for anti-HER2/ErbB2 antibody	HER2 is a member of the human epidermal growth factor receptor (HER/EGFR/ERBB) family. Amplification or overexpression of this oncogene has been shown to play an important role in the development and progression of certain aggressive types of breast cancer. In recent years the protein has become an important biomarker and target of therapy for approx. 30% of breast cancer patients. Over-expression is also known to occur in ovarian, stomach, and aggressive forms of uterine cancer, such as uterine serous endometrial carcinoma. The expression of HER2 is regulated by signaling through estrogen receptors. Normally, estradiol and tamoxifen acting through the estrogen receptor down-regulate the expression of HER2. However, when the ratio of the coactivator AIB-3 exceeds that of the corepressor PAX2, the expression of HER2 is upregulated in the presence of tamoxifen, leading to tamoxifen-resistant breast cancer.
Product Categories/Family for anti-HER2/ErbB2 antibody	Total protein Ab

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/her2-erbb2-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/312091>