

Mouse anti-Human ErbB-2/HER-2 Monoclonal Antibody | anti-ErbB-2/HER-2 antibody

ErbB-2/HER-2 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA276805	Mouse	Human	Immunohistochemistry, Western Blot

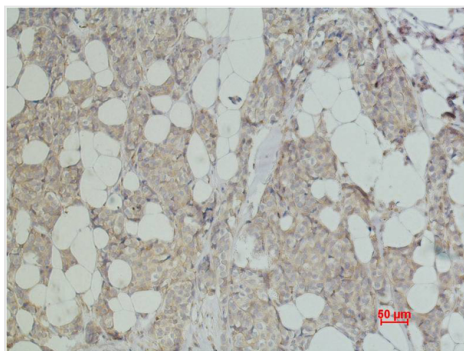
PRODUCT SYNONYMS

ErbB-2/HER-2; Monoclonal Antibody; ErbB-2/HER-2 Mouse mAb; CD340; HER 2/neu; HER2; MLN 19; MLN19; NEU; NGL; p185; p185erbB2; Proto oncogene c ErbB 2; Proto oncogene Neu; TKR1; anti-ErbB-2/HER-2 antibody

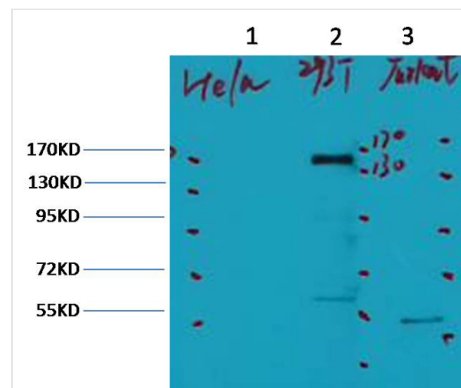
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ErbB-2/HER-2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Synthetic Peptide
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using ErbB-2/HER-2(EM1079)Mouse mAb diluted at 1:500.


WB (Western Blot)

Western blot analysis of 1) HeLa, 2) 293, 3) Jurkat, with ErbB-2 Mouse mAb diluted at 1:2,000.

ADDITIONAL INFORMATION

Related Product Information for anti-ErbB-2/HER-2 antibody

ErbB 2 is a receptor tyrosine kinase of the ErbB 2 family. It is closely related in structure to the epidermal growth factor receptor. ErbB 2 oncoprotein is detectable in a proportion of breast and other adenocarcinomas, as well as transitional cell carcinomas. In the case of breast cancer, expression determined by immunohistochemistry has been shown to be associated with poor prognosis.

Product Categories/Family for anti-ErbB-2/HER-2 antibody	Cytoplasm; Nucleus and Cell membrane
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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/monoclonal/erbb-2-her-2-antibody-immunohistochemistry-western-blot-elisa/276805>