

Mouse anti-Human Her2 Monoclonal Antibody | anti-Her2 antibody

Her2 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300790	Mouse	Human	Immunohistochemistry, Western Blot, ELISA

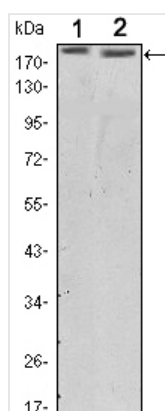
PRODUCT SYNONYMS

Her2; Monoclonal Antibody; Her2 Monoclonal Antibody; C-erbB-2; EC 2.7.10.1; Epidermal growth factor receptor-related protein; ErbB2; HER2; MLN 19; NEU; NEU proto-oncogene; NGL; Receptor protein-tyrosine kinase erbB-2; Receptor protein-tyrosine kinase erbB-2 precursor; Tyrosine kinase-type cell surface recep; anti-Her2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Her2 antibody detects endogenous levels of total Her2
Purity/Purification	Affinity-chromatography
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1225
Applicable Applications for anti-Her2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Purified recombinant fragment of human Her2 expressed in E. Coli
Target Name	Her2
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis using Her2 mouse mAb against SKBR3 (1) and MCF-7 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-Her2 antibody	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. Allelic variations at amino acid positions 654 and 655 of isoform a (positions 624 and 625 of isoform b) have been reported, with the most common allele, Ile654/Ile655, shown here. Amplification and/or overexpression of this gene has been reported in numerous cancers, including breast and ovarian tumors. Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized.
Product Categories/Family for anti-Her2 antibody	Total protein Ab

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	180KD
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
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://www.aaabiotech.com/monoclonal/her2-antibody-immunohistochemistry-western-blot-elisa/300790>