

Mouse ERBB2 / HER2 Monoclonal Antibody | anti-ERBB2 / HER2 antibody

Anti-ERBB2 / HER2 Antibody (clone 3B5) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52577	Mouse	Mouse, Rat, Human, Monkey	Immunoprecipitation, Western Blot, Immunohistochemistry

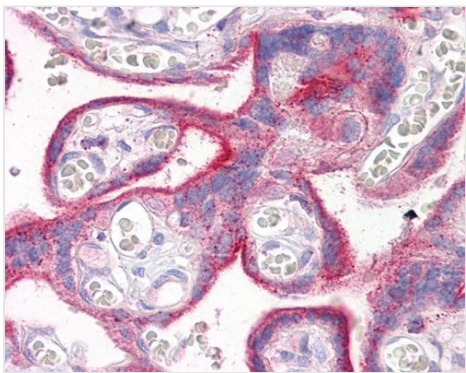
PRODUCT SYNONYMS

ERBB2 / HER2; Monoclonal Antibody; Anti-ERBB2 / HER2 Antibody (clone 3B5) IHC-plus; Mouse Monoclonal [clone 3B5] (IgG1) to Human ERBB2 / HER2; Human ERBB2 / HER2; C-erb B2/neu protein; CD340; Herstatin; MLN 19; HER-2; Neu; NGL; Proto-oncogene c-ErbB-2; Proto-oncogene Neu; CD340 antigen; MLN19; p185erbB2; TKR1; anti-ERBB2 / HER2 antibody

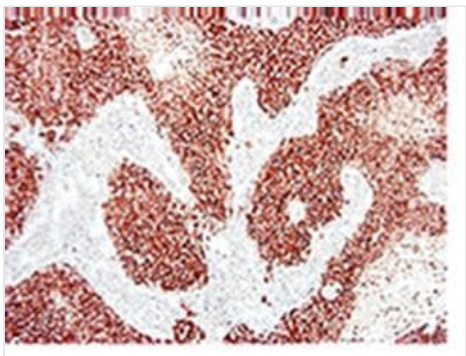
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Rat, Human, Monkey
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3B5
Specificity	Sequence is identical in rat Neu protein. Reacts equally well with the wild as well as the mutant (oncogenic) form c-erbB-2 protein but preferentially recognizes the unphosphorylated form of c-erbB-2 protein.
Purity/Purification	Purified
Form/Format	PBS containing 0.09% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1255
Applicable Applications for anti-ERBB2 / HER2 antibody	IP (Immunoprecipitation), WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	ERBB2 / HER2 antibody was raised against a synthetic peptide from the C-terminus of human c-erbB-2 protein
Immunogen Description	A synthetic peptide from the C-terminus of human c-erbB-2 protein
Immunogen Type	Synthetic peptide
Target Species	Human
Preparation and Storage	Short term 4 degree C Long term aliquot and store at -20 degree C Avoid freeze thaw cycles. Store undiluted.

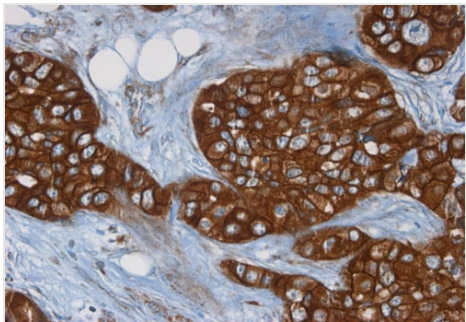
IMAGES



IHC (Immunohistochemisry)
Anti-ERBB2 / HER2 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohiostchemistry)
Immunohistochemistry on paraffin section of human breast carcinoma



IHC (Immunohistochemistry)
Immunohistochemistry on paraffin section of human Mamma tumor Her2Neu +

ADDITIONAL INFORMATION

Related Product Information for anti-ERBB2 / HER2 antibody	ERBB2 Antibody, C-erb B2/neu protein Antibody, CD340 Antibody, HER2 Antibody, Herstatin Antibody, MLN 19 Antibody, HER-2 Antibody, Neu Antibody, NGL Antibody, Proto-oncogene c-ErbB-2 Antibody, Proto-oncogene Neu Antibody, CD340 antigen Antibody, MLN19 Antibody, p185erbB2 Antibody, TKR1 Antibody Description: Protein tyrosine kinase that is part of several cell surface receptor complexes, but that apparently needs a coreceptor for ligand binding. Essential component of a neuregulin-receptor complex, although neuregulins do not interact with it alone. GP30 is a potential ligand for this receptor. Regulates outgrowth and stabilization of peripheral microtubules (MTs).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54792096
NCBI GeneID	2064
NCBI Accession #	NP_004439.2
NCBI GenBank Nucleotide #	NM_004448.3
UniProt Accession #	P04626; Q14256; Q6LDV1; Q9UMK4; B2RZG3; B4DHN3; X5D2V5
Molecular Weight	97,382 Da
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-2 isoform a
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://stage.aaabiotech.com/monoclonal/erbb2-her2-antibody-clone-3b5-immunoprecipitation-western-blot-immunohistochemistry-elisa/52577>