

Rabbit ErbB 2 Polyclonal Antibody | anti-ErbB 2 antibody

ErbB 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75886	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, ELISA

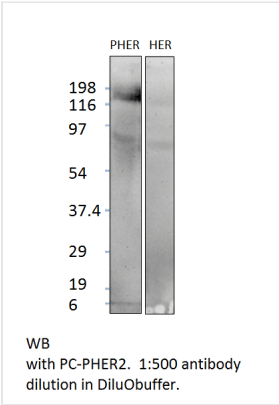
PRODUCT SYNONYMS

ErbB 2; Polyclonal Antibody; ErbB 2 Antibody; Verb b2 erythroblastic leukemia viral oncogene homolog 2; neuro/glioblastoma derived oncogene homolog; c erb B2; CD340; cneu; Erb B2; Erythroblastosis Virus; HER 2; Herstatin; Metastatic lymph node gene 19 protein; MLN 19; NEU proto oncogene; Neuro Glioblastoma Derived Oncogene Homolog; NGL; p185 ErbB2; Proto-oncogene Neu; Receptor Protein Tyrosine Kinase ErbB2 Precursor; TKR1; verbb2 antibody; anti-ErbB 2 antibody

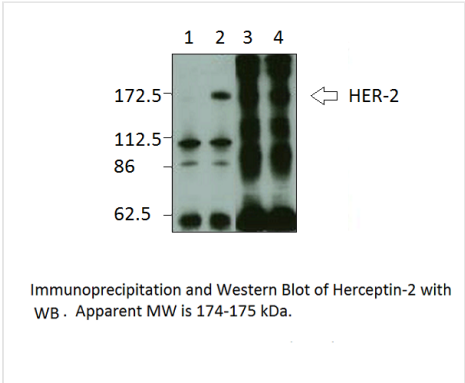
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.65-1.25 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	1225
Applicable Applications for anti-ErbB 2 antibody	WB (Western Blot), IP (Immunoprecipitation), ELISA
Immunogen	Synthetic peptide taken within amino acid region 130-180 receptor tyrosine-protein kinase erbB-2 protein.
Expression	Expressed in a variety of tumor tissues including primary breast tumors and tumors from small bowel, esophagus, kidney and mouth.
Molecular Function	Activator, Kinase, Receptor, Transferase, Tyrosine-protein kinase
Structure	Homodimer. Heterodimer with EGFR, ERBB3 and ERBB4. Part of a complex with EGFR and either PIK3C2A or PIK3C2B. May interact with PIK3C2B when phosphorylated on Tyr-1196. Interacts with PRKCABP and PLXNB1. Interacts (when phosphorylated on Tyr-1248) with MEMO1. Interacts with MUC1; the interaction is enhanced by hereguline (HRG).
Subcellular Location	Isoform 1: Cell membrane; Single-pass type I membrane protein, Cytoplasm;perinuclear region, Nucleus. Isoform 2: Cytoplasm, Nucleus. Isoform 3: Cytoplasm, Nucleus.
Preparation and Storage	-20• degree C for long term storage

IMAGES



WB (Western Blot)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-ErbB 2 antibody	Affinity Purified Receptor tyrosine-protein kinase erbB-2 isoform b Antibody 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).
Product Categories/Family for anti-ErbB 2 antibody	Primary Antibodies; Cancer Research; Tumor Associated; ErbB 2 Antibody

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	97,382 Da
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.