

Rabbit HER2 Polyclonal Antibody | anti-HER2 antibody

HER2 Antibody (Tyr877)

CATALOG #	HOST	APPLICATIONS
AAA226032	Rabbit	Immunofluorescence, Immunohistochemistry, Western Blot

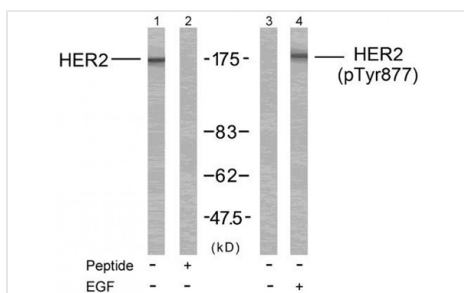
PRODUCT SYNONYMS

HER2; Polyclonal Antibody; HER2 Antibody (Tyr877); Rabbit Polyclonal HER2 Antibody (Tyr877); Polyclonal HER2 antibody; Anti-HER2 antibody; c-erb B2/neu protein antibody; CD340 antibody; erbB-2 antibody; ERBB2 antibody; HER-2 antibody; HER-2/neu antibody; HER2 antibody; herstatin antibody; Metastatic lymph node gene 19 protein antibody; MLN 19 antibody; MLN19 antibody; NEU 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; v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog) antibody; v-erb-b2 erythroblastic leukemia viral oncogene homolog 2 neuro/glioblastoma derived oncogene homolog (avian) antibody; anti-HER2 antibody

PRODUCT SPECIFICATIONS

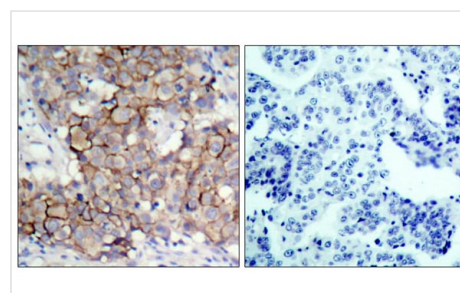
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	HER2 antibody (Tyr877) detects endogenous levels of HER2 only when phosphorylated at tyrosine 877
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	304
Applicable Applications for anti-HER2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	HER2 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human HER2 around the phosphorylation site of tyrosine 877 (T-E-YP-H-A) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extract from MDA-MB-231 cells treated or untreated with EGF using HER2 antibody and HER2 antibody (Tyr877) (Lanes 3 and 4)



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HER2 antibody (Tyr877)

ADDITIONAL INFORMATION

Related Product Information for anti-HER2 antibody	HER2, a known proto-oncogene, is located at the long arm of human chromosome 17 (17q12). HER2 is named because it has a similar structure to human epidermal growth factor receptor, or HER1. Neu is so named because it was derived from a rodent glioblastoma cell line, a type of neural tumor.
Product Categories/Family for anti-HER2 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	51449902
NCBI GeneID	751824
NCBI Official Full Name	HER2, partial
NCBI Official Synonym Full Names	erb-b2 receptor tyrosine kinase 2
NCBI Official Symbol	ERBB2
NCBI Official Synonym Symbols	HER2; erb2
NCBI Protein Information	receptor tyrosine-protein kinase erbB-2

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-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/226032>