

Rabbit HER2 Polyclonal Antibody | anti-HER2 antibody

HER2 (Phospho-Tyr1248) Antibody

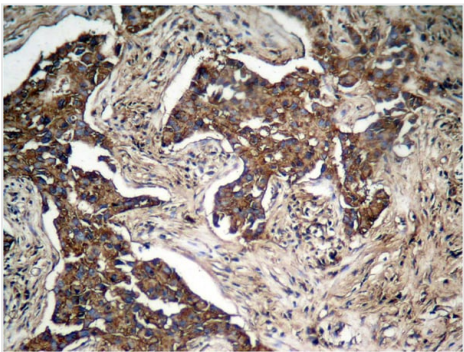
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301288	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

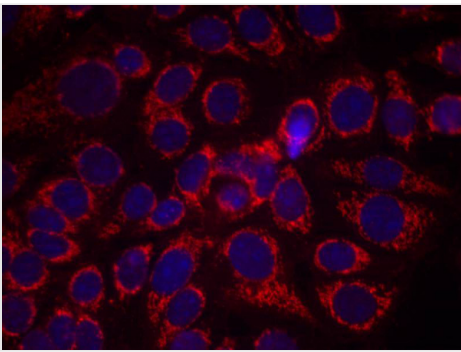
HER2; Polyclonal Antibody; HER2 (Phospho-Tyr1248) Antibody; C-erbB-2; ErbB2; anti-HER2 antibody

PRODUCT SPECIFICATIONS

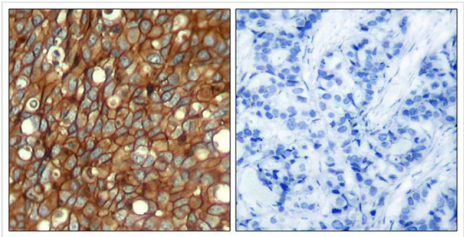
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of HER2 only when phosphorylated at tyrosine1248.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL 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	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine1248 (P-E-Y(p)-L-G) derived from Human HER2.
Modification	Phospho-Tyr1248
Target Name	HER2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.



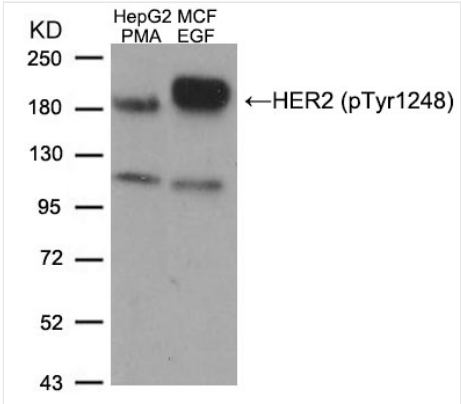
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using HER2 (Phospho-Tyr1248) Antibody.



IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed MCF7 cells using HER2(Phospho-Tyr1248) Antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HER2 (Phospho-Tyr1248) Antibody (left) or the same antibody preincubated with blocking peptide #51079 (right).



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells treated with PMA and MCF cells treated with EGF, using HER2 (Phospho-Tyr1248) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HER2 antibody	Essential component of a neuregulin-receptor complex, although neuregulins do not interact with it alone. GP30 is a potential ligand for this receptor. Not activated by EGF, TGF- α and amphiregulin.
Product Categories/Family for anti-HER2 antibody	Phospho-specific 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	97,253 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/her2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301288>