

HER2 Polyclonal Antibody | anti-HER2 antibody

HER2 (Phospho-Tyr1221/Tyr1222)

CATALOG #
AAA47849

APPLICATIONS
Immunofluorescence, Immunoblot, Western Blot

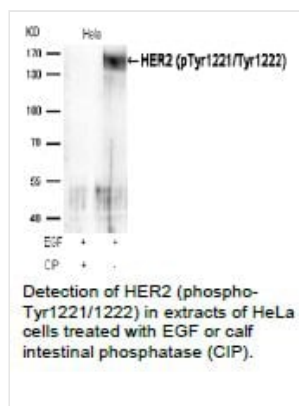
PRODUCT SYNONYMS

HER2; Polyclonal Antibody; HER2 (Phospho-Tyr1221/Tyr1222); anti-HER2 antibody

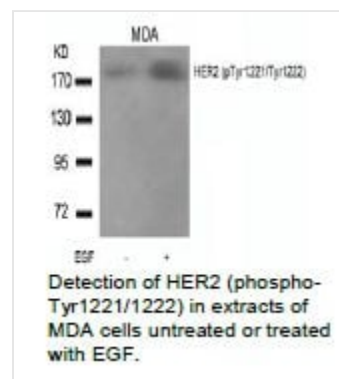
PRODUCT SPECIFICATIONS

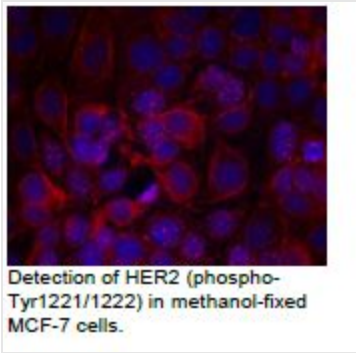
Clonality	Polyclonal
Specificity	This antibody detects endogenous human HER2 only when phosphorylated at tyrosine 1221/1222.
Form/Format	100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide- reactive antibodies were removed by chromatography on non-phosphorylated peptide.
Sequence Length	1225
Applicable Applications for anti-HER2 antibody	IF (Immunofluorescence), IB (Immunoblot)
Antigen	Peptide sequence that includes phosphorylation site of tyrosine 1221/1222 (N-L-Y(p)- Y(p)-W) derived from human HER2 and conjugated to KLH.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Can be stored at 4 degree C for short-term.

IMAGES



Application Data





IF (Immunofluorescence)

ADDITIONAL INFORMATION

Related Product Information for anti-HER2 antibody	HER2 is a member of the human epidermal growth factor receptor (HER/EGFR/ERBB) family. Amplification or over-expression of this oncogene has been shown to play an important role in the development and progression of certain aggressive types of breast cancer. In recent years HER2 has become an important biomarker and target of therapy for approximately 30% of breast cancer patients.
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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

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-immunoblot-elisa/47849>