

Rabbit HER2 Polyclonal Antibody | anti-ERBB2 antibody

Anti-HER2 (pY1248) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA261028	Rabbit	Human, Mouse, Rat, Dog	Immunohistochemistry, Western Blot

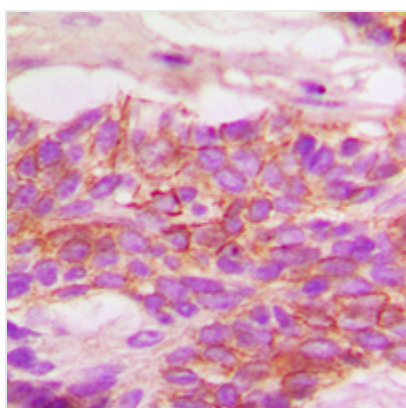
PRODUCT SYNONYMS

HER2; Polyclonal Antibody; Anti-HER2 (pY1248) Phospho Antibody; MLN19; NEU; NGL; Receptor tyrosine-protein kinase erbB-2; Metastatic lymph node gene 19 protein; MLN 19; Proto-oncogene Neu; Proto-oncogene c-ErbB-2; Tyrosine kinase-type cell surface receptor HER2; p185erbB2; CD340; anti-ERBB2 antibody

PRODUCT SPECIFICATIONS

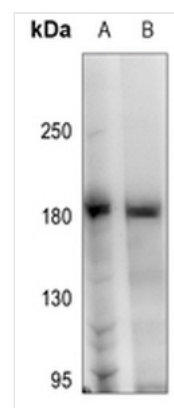
Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of HER2 protein only when phosphorylated at Y1248.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	1255
Applicable Applications for anti-ERBB2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide corresponding to residues surrounding Y1248 of human HER2 protein. The exact sequence is proprietary.
Preparation and Storage	Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of HER2 (Phospho-Y1248) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of HER2 (Phospho-Y1248) expression in MCF7 (A), EC9706 (B) whole cell lysates. (Predicted band size: 137 kD; Observed band size: 185 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-ERBB2 antibody	Rabbit polyclonal antibody to HER2 (Phospho-Y1248)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119533
NCBI GeneID	2064
UniProt Accession #	P04626; Q14256; Q6LDV1; Q9UMK4; B2RZG3; B4DHN3; X5D2V5
NCBI Official Full Name	Receptor tyrosine-protein kinase erbB-2
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/polyclonal/her2-antibody-immunohistochemistry-western-blot-elisa/261028>