

anti-Human HER2 Antibody | anti-HER2 antibody

HER2 (Phospho-Tyr1221/Tyr1222) Antibody

CATALOG # AAA267729	REACTIVITY Human	APPLICATIONS Immunoprecipitation, ELISA, Immunohistochemistry, Western Blot
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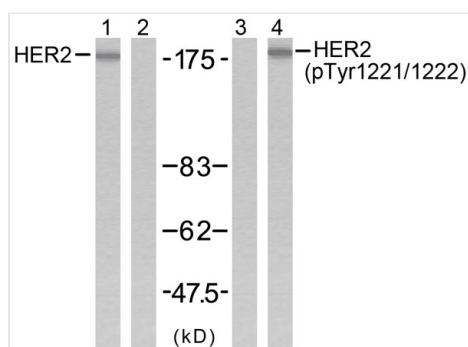
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

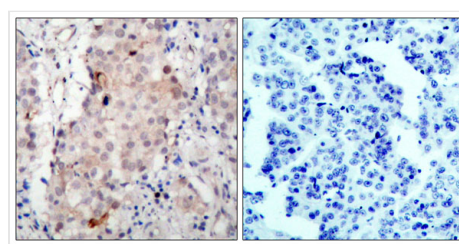
Reactivity	Human
Specificity	HER2 (phospho-Tyr1221/Tyr1222) antibody detects endogenous levels of HER2 only when phosphorylated at tyrosine 1221/1222.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1225
Applicable Applications for anti-HER2 antibody	IP (Immunoprecipitation), ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human HER2 around the phosphorylation site of tyrosine1221/1222 (N-L-YP-YP-W).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from SK-OV3 cells using HER2 (Ab-1221/1222) antibody (Line 1 and 2) and HER2 (phospho-Tyr1221/Tyr1222) antibody (Line 3 and 4).



IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HER2 (phospho-Tyr1221/Tyr1222) antibody.

ADDITIONAL INFORMATION

References	Marone R, et al. (2004) Nat Cell Biol; 6(6): 515-22. Ren Z, et al. (2002) J Biol Chem; 277(41): 38486-93.
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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/human-antibody/her2/267729>