

anti-Human HER2 Antibody | anti-HER2 antibody

HER2 (Ab-1221/1222) Antibody

CATALOG # AAA110932	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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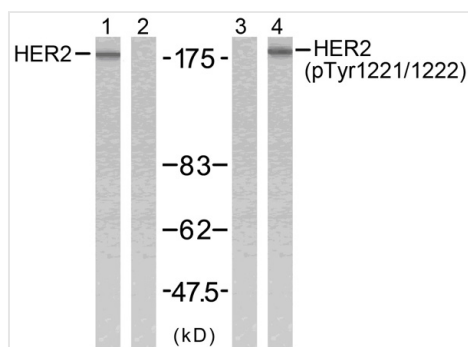
PRODUCT SYNONYMS

HER2; HER2 (Ab-1221/1222) Antibody; anti-HER2 antibody

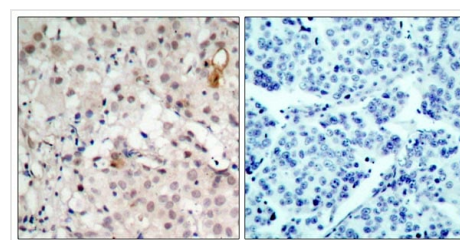
PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	HER2 (Ab-1221/1222) antibody detects endogenous levels of total HER2 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human HER2 around the phosphorylation site of tyrosine 1221/1222 (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 and HER2 (phospho-Tyr1221/Tyr1222) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-HER2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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. Ouyang X, et al. (1998) Carcinogenesis; 19(11): 2013-9. Ouyang X, et al. (1998) Exp Cell Res; 241(2): 467-75. Klapper, L. N. et al. (2000) Cancer Res. 60, 3384-3388.

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/her2/110932>