

Her2 / ErbB2 (phospho Tyr1221/Tyr1222) antibody [HL3328]

Cat. No. GTX641093

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000

Not tested in other applications.

Observed MW (kDa) 185 kDa.

Product Note This antibody detects Her2 / ErbB2 protein when dually phosphorylated at Tyr1221 and Tyr1222, and it also reacts with Her2 / ErbB2 protein when singly phosphorylated at Tyr1221 and Tyr1222.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Tyr1221/Tyr1222 of human Her2 / ErbB2. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

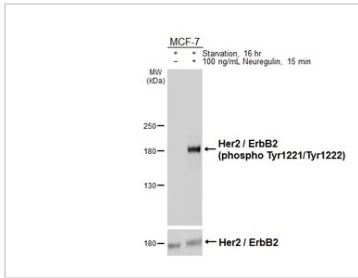
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

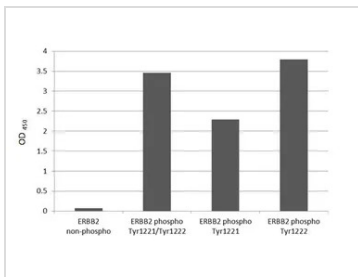
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DATA IMAGES

GTX641093 WB Image

Untreated (–) and treated (+) MCF-7 whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with Her2 / ErbB2 (phospho Tyr1221/Tyr1222) antibody [HL3328] (GTX641093) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX641093 Image

Specificity test was performed by coating the plate with recombinant ERBB2 non-phospho peptide, ERBB2 (phospho Tyr1221/Tyr1222) peptide, ERBB2 (phospho Tyr1221) peptide, and ERBB2 (phospho Tyr1222) peptide (15.63- ng/mL). Coated protein was probed with Her2 / ErbB2 (phospho Tyr1221/Tyr1222) antibody [HL3328] (GTX641093) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



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