

Her2 / ErbB2 (phospho Tyr1248) antibody

Cat. No. GTX25654

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Rat, Dog, Hamster

References (1)

Package

50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent

Not tested in other applications.

Calculated MW 138 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
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	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic phosphopeptide derived from a region of human ErbB-2 that contains tyrosine 1248.
Purification	Immunogen affinity purified The antibody has been negatively preadsorbed using a non-phosphopeptide corresponding to the site of phosphorylation to remove antibody that is reactive with non-phosphorylated ErbB2. The final product is generated by affinity chromatography using an ErbB
Conjugation	Unconjugated

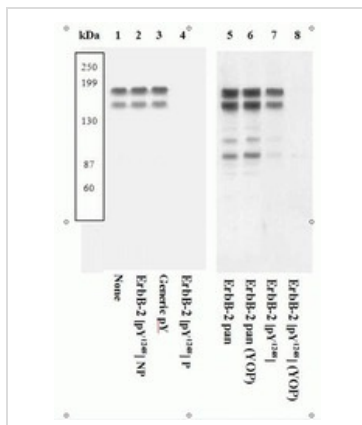
Note

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DATA IMAGES



GTX25654 WB Image

Extracts of SK-BR-3 cells were resolved by SDS-PAGE on a 10% Tris-glycine gel and transferred to PVDF. The membrane was either not treated (1-5, 7) or treated (6, 8) with YOP phosphatase, blocked with a 5% BSA-TBST buffer overnight at 4°C, then incubated with the ErbB-2 [pY1248] antibody for two hours at room temperature in a 3% BSA-TBST buffer, following prior incubation with: no peptide (1, 5-8), the non-phosphopeptide corresponding to the phosphopeptide immunogen (2), a generic phosphotyrosine-containing peptide (3), or the phosphopeptide immunogen (4). After washing, the membrane was incubated with goat F(ab)2 anti-rabbit IgG alkaline phosphatase and signals were detected. The data show that only the phosphopeptide corresponding to ErbB-2 [pY1248] blocks the antibody signal, demonstrating the specificity of the antibody. The data also show that phosphatase stripping eliminates the signal, further verifying that the antibody is phospho-specific.



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