

Phospho-ErbB 2 (Tyr1221/Tyr1222) polyclonal antibody

Catalog: BZ16411

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. This protein has no ligand binding domain of its own and therefore cannot bind growth factors. However, it does bind tightly to other ligand-bound EGF receptor family members to form a heterodimer, stabilizing ligand binding and enhancing kinase-mediated activation of downstream signalling pathways, such as those involving mitogen-activated protein kinase and phosphatidylinositol-3 kinase.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 138 kDa; Observed MW: 180 kDa

Swiss-Prot:

P04626

Purification&Purity:

Affinity Purified

Applications:

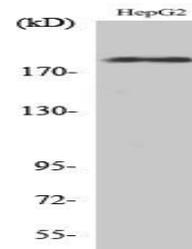
WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20 ELISA: 1/10000

Storage&Stability:

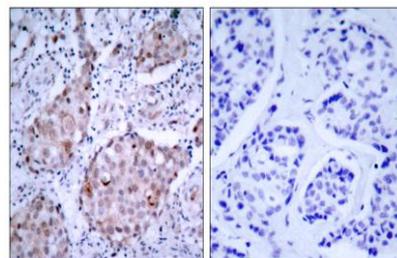
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of Phospho-ErbB 2 in various lysates using Phospho-ErbB 2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma, using HER2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.

Western blot analysis of Phospho-ErbB 2 in SKOV-3 lysates treated with EGF, using HER2 antibody. The lane on the right is blocked with the Phospho-peptide.

Note:

For research use only, not for use in diagnostic procedure.

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