

Phospho-ErbB 2/EGFR (Tyr1248/Tyr1173) monoclonal antibody

Catalog: MB10414

Host: Rabbit

Reactivity: Human

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:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 138 kDa; Observed MW: 180 kDa

Swiss-Prot:

P04626

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IP: 1/20

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 PhosphoErbB 2 /EGFR in HeLa lysates using PhosphoErbB 2/EGFR antibody.

Note:

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

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