

c-erbB-2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250600

Unit: 0.1 mg

Description:

C-erbB-2 (HER2) is a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. HER2 has no ligand binding domain on its own and therefore cannot bind growth factors. However, HER2 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.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H

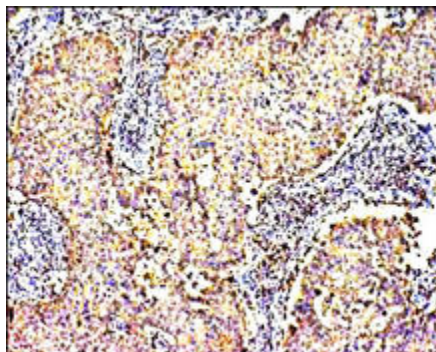
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Receptor tyrosine protein kinase erbB2; p185erbB2; C-erbB-2; Neu proto-oncogene; Tyrosine kinase-type cell surface receptor HER2; MLN 19; ERBB2; HER2; NEU; NGL

Accession No.: P04626

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human c-erbB2.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



c-erbB-2 staining of human cervical carcinoma. Paraffin-embedded human cervical carcinoma is stained with c-erbB-2 (HER2/NEU) Antibody (Cat. No. 250600).

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.