





HER2/ErbB2 (phospho-Tyr1196) mouse mAb

Catalog No BYmab-13106 Isotype IgG Reactivity Human;Mouse Applications WB Gene Name ERBB2 HER2 MLN19 NEU NGL Protein Name HER2/ErbB2 (Tyr1196) Immunogen Synthesized phosho peptide around human HER2 and ErbB2 (Tyr1196) Specificity This antibody detects endogenous levels of Human Mouse HER2/ErbB2 (phospho-Tyr1196) Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Receptor tyrosine-protein kinase erbB-2 (EC 2.7.10.1) (Metastatic lymph node gene 19 protein) (MLN 19) (Proto-oncogene Neu) (Proto-oncogene c-ErbB-2) (Tyrosine kinase-type cell surface receptor HER2) (p185erbB2) (CD antigen CD340) Observed Band 180kD Cell Pathway Isoform 1]: Cell membrane ; Single-pass type I membrane protein. Early endosome. Cytoplasm, perinuclear region. Nucleus. Translocation to the nucleus requires endocytosis, probably endos		
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Nanjing BYabscience technology Co.,Ltd

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system neopiasms derived from gliai cells and comprise astrocytomas,
glioblastoma multiforme, oligodendrogliomas, and
ependymomas.,disease:Defects in ERBB2 are associated with gastric cancer
[MIM:137215]; also known as hereditary familial diffuse gastric cancer
(HDGC), disease: Defects in ERBB2 are associated with lung cancer
[MIM:211980]; also called adenocarcinoma of lung., disease. Defects in ERBB2
are associated with ovarian cancer [MIM:167000]. Ovarian cancer is the leading
cause of death from gynecologic malignancy. It is characterized by advanced
presentation with loco-regional dissemination in the peritoneal cavity and the rare
incidence of viscera

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. Allelic variations at amino acid positions 654 and 655 of isoform a (positions 624 and 625 of isoform b) have been reported, with the most common allele, Ile654/Ile655, shown here. Amplification and/or overexpression of this gene has been reported in numerous cancers, including breast and ovarian tumors. Alternative splicing results in several additional transcript variants, some encoding d

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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