ERBB2 MAB

ERBB2 Monoclonal Antibody

Cat. #: 26127

Gene Symbol: ERBB2/HER2/Neu/c-Neu

Description: Anti-ERBB2 Mouse Monoclonal Antibody

Background: The HER-2/neu oncogene, a member of the epidermal growth factor receptor or erb-B gene-like family, encodes a transmembrane tyrosine kinase receptor that mediates extracellular signals activated by epidermal growth factors. Her2 abnormal has been strongly associated with many malignant tumors, especially with breast cancers. The expression level of Her2 is an important criteria in clinic evaluating of the progression of breast cancer.

Immunogen: A synthetic peptide from the C-terminal region of ERBB2, human origin

Applications: ELISA, WB, IHC

Recommended Dilutions:
ELISA: 1:1000-1:5000
WB: 1:500-1:2000
IHC: 1:50-1:200

Concentration: 1mg/ml

Host Species: Mouse

Format: Liquid

Clonality: Monoclonal

Isotype: IgG

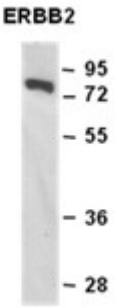
Purity: Purified from ascites

Preservative: No

Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Recognizes Erb-B2 of vertebrates.

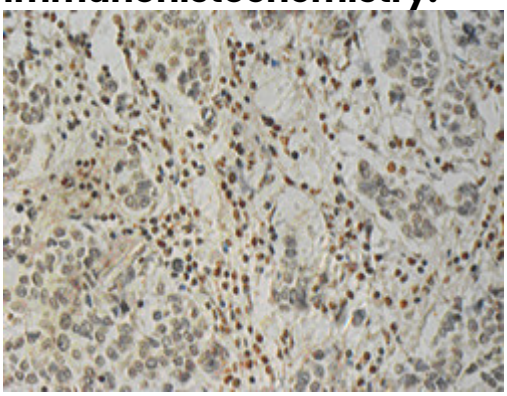
Storage Conditions: Store at -20°C. Avoid repeated freezing and thawing



Western blot: WB: Anti-ERBB2 mAb

Western blot analysis of recombinant Erb-B2 protein. Purified His-tagged Erb-B2 protein (Cat. #10208) was blotted with anti-Erb-B2 monoclonal antibody (Cat. #26127).

Immunohistochemistry:



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue with anti-Erb-B2 monoclonal antibody (Cat. #26127). Tissue samples were fixed with formaldehyde and blocked with 1% serum for 15 min at 37 °C. Antigen retrieval was by heat mediation in citrate buffer (pH6). Samples were then incubated with primary antibody (1:50 dilution) overnight at 4°C. A HRP-conjugated Goat anti-mouse IgG (1:50 dilution) was used as secondary antibody.