

ERBB2

Catalog Number: 26080

Gene Symbol: ERBB2/HER2/Neu

Description: Anti-ERBB2 Rabbit Polyclonal Antibody

Background: The ErbB family is composed of four plasma membrane-bound receptor tyrosine kinases. Amplification or over-expression of the ERBB2 gene occurs in approximately 30% of breast cancers. HER2 is encoded by ERBB2, a known proto-oncogene located at the long arm of human chromosome 17(17q21-q22). HER2 proteins have been shown to form clusters in cell membranes that may play a role in tumorigenesis.

Immunogen: A synthetic peptide from the central of ErbB2 protein.

Tested Applications: ELISA, WB, IF, IHC

Recommended Dilutions:

ELISA: 1:500-1:5000

WB: 1:200-1:2000

IHC: 1:20-1:200

Concentration: 0.2 mg/ml

Host: Rabbit

Clonality: Polyclonal

Purity: Purified from ascites

Format: Liquid

Preservative: No

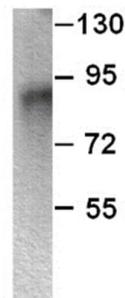
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Recognizes ERBB2 from vertebrates.

Storage Conditions: Store at -20°C. Avoid freeze / thaw cycles.

Western blot:

ERBB2 protein



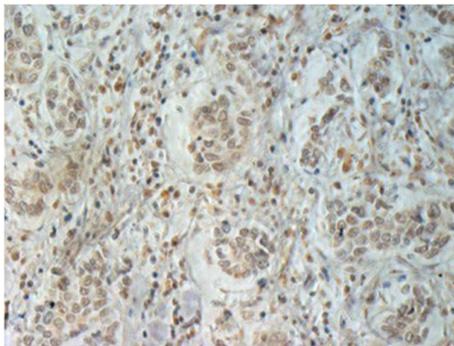
WB: Anti-ERBB2 pAb

Western blot analysis of ErbB2 protein.

Purified full length His-tagged ErbB2 protein (Cat. # 10208) was blotted with anti-ErbB2 rabbit polyclonal antibody (Cat. # 21202).

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Immunohistochemistry



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue with anti-ERBB2 polyclonal antibody (Cat. # 21202).

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-Rabbit IgG (1:50) was used as secondary antibody.

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NewEast Biosciences
1150 First Avenue, Suite 501
King of Prussia, PA 19406

Support: 610-945-2007
info@neweastbio.com
Web: www.neweastbio.com