



Category: Polyclonal Antibodies **Cat. #** 1107NF- V2016 **Product Name:** c-erbB-2 Oncoprotein - Concentrated

Description:

Polyclonal Rabbit Anti-Human c-erbB-2

Immunogen:

A synthetic peptide from C-terminus (16 aa) of human c-erbB-2 protein conjugated to carrier protein.

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

Breast AdenoCarcinomas, Ovary, Gastrointestinal Tract

Epitope:

not determined.

Presentation:

20 mM tris-borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protein, and 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:

Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies. GENERAL INFO: When diluting for immunohistochemistry, ELISA or western blot, make the dilution in Antibody Diluting Buffer. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

Staining Procedure:

This antibody can be used on formalin-fixed, paraffin-embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. We recommend an incubation time and temperature of 30 minutes at 37°C when used in conjunction with an immunoperoxidase staining systems. For consistent and reproducible results, we recommend using a high temperature antigenic unmasking technique for formalin-fixed, paraffin-embedded tissues (boiling tissue in 10mM citrate buffer, pH 6.0 for 10-20 mins, followed by cooling for 10-20 mins. at RT). The antibody may be used at a dilution of 1:50 to 1:150. It is recommended that this product be used on frozen tissue sections or specimens. The optimal conditions should be determined by the individual laboratory.

Specificity:

This antibody is specific against human c-erbB-2 oncoprotein.

Storage:

Store at 2~8°C for short term, freeze under -20°C for long term storage.

Size: 0.5 ml

Host: Rabbit

Form: Concentrated

Mol. Wt. of Antigen: 185 kD

Concentration: Total Ig about 5 mg/ml

Units On Hand: YES

References:

1. Bouchard L, Lamarre L, Tremblay PJ, Jolicoeur P. Stochastic appearance of mammary tumors in transgenic mice carrying the MMTV/cneu oncogene. Cell 57: 931-6, 1989.
2. May E, Mouriessse H, May-Levin F, Qian JF, May P, Delarue JC. Human breast cancer: identification of populations with a high risk of early relapse in relation to both estrogen receptor status and c-erbB-2 overexpression. Br J Cancer 62: 430-435, 1990.
3. Soomro S, Shousha S, Taylor P, shephard HM, Feldmann M. c-erbB-2 expression in different histological types of invasive breast carcinoma. J Clin Pathol 44: 211-214, 1991.

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