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36-2224: Anti-HER-2 / c-erbB-2 / neu / CD340 Monoclonal Antibody(Clone: SPM172)

Clonality: Monoclonal Clone Name: SPM172 Application: IHC Reactivity: Human Gene: ERBB2 Gene ID: 2064 **Uniprot ID:** P04626

p185, CD340, Verb b2 Erythroblastic Leukemia Viral Oncogene Homolog 2, **Alternative Name:**

Neuro/Glioblastoma Derived Oncogene Homolog

Isotype: Mouse IgG, kappa

Recombinant human HER-2 protein fragment (around aa 311-462) (exact sequence is Immunogen Information:

proprietary)

Description

Recognizes a protein of 185kDa, which is identified as c-erbB-2/HER-2/neu. Its epitope is localized in the extracellular domain. C-erbB-2/HER-2 is a member of the EGFR family. This MAb is specific and shows minimal cross-reaction with other members of the EGFR-family. Receptors of this family are located on the plasma membrane and consist of an extracellular ligand-binding domain that is connected to a large intracellular domain by a single transmembrane sequence. cerbB-2/HER-2 protein is over-expressed in a variety of carcinomas especially those of breast and ovary.

Product Info

Amount: 20 μg / 100 μg

200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS Content:

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody Storage condition:

is stable for 24 months. Non-hazardous.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);

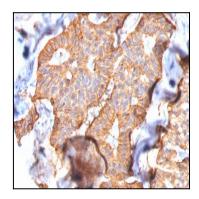


Fig. 1: Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with HER-2 Mouse Monoclonal Antibody (SPM172).



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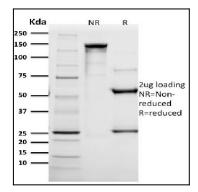


Fig. 2: SDS-PAGE Analysis Purified HER-2 Mouse Monoclonal Antibody (SPM172). Confirmation of Integrity and Purity of Antibody.