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## 36-1104: Monoclonal Antibody to HER-2 / c-erbB-2 / neu / CD340(Clone: HRB2/451)

Clonality: Monoclonal
Clone Name: HRB2/451
Application: ELISA,FACS,IF

Reactivity: Human
Gene: ERBB2
Gene ID: 2064
Uniprot ID: P04626
Format: Purified

Alternative Name: ERBB2,HER2,MLN19,NEU,NGL

**Isotype:** Mouse IgG1, kappa

Immunogen Information: Recombinant human HER-2 protein

## **Description**

This MAb is specific to c-erbB-2/HER-2 and shows minimal cross-reaction with other members of the family. C-erbB-2/HER-2 is a member 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. c-erbB-2/HER-2 protein is over-expressed in a variety of carcinomas especially those of breast and ovary.

## **Product Info**

**Amount :** 100 μg

**Purification:** Affinity Chromatography

**Content:** 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

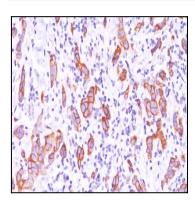
toxic.

**Storage condition :** Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

ELISA (For coating, order antibody without BSA);, Flow Cytometry (1-2ug/million cells);, Immunofluorescence (1-4ug/ml),

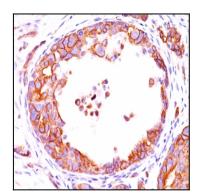


Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with HER-2 Monoclonal Antibody (HRB2/451).



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