

ERBB 2 (1C4) MOUSE MAB

Cat.#: N261210

Product Name: Anti-ErbB 2 (1C4) Mouse Monoclonal Antibody

Synonyms: ERBB2; HER2; MLN19; NEU; NGL; Receptor tyrosine-protein kinase erbB-2; Metastatic lymph node gene 19 protein; MLN 19; Proto-oncogene Neu; Proto-oncogene c-ErbB-2; Tyrosine kinase-type cell surface receptor HER2; p185erbB2; CD antigen CD340

UNIPROT ID: P04626

Background: This gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. This protein has no ligand binding domain of its own and therefore cannot bind growth factors. However, it does bind tightly to other ligand-bound EGF receptor family members to form a heterodimer, stabilizing ligand binding and enhancing kinase-mediated activation of downstream signalling pathways, such as those involving mitogen-activated protein kinase and phosphatidylinositol-3 kinase.

Immunogen: Synthetic Peptide of HER2

Applications: WB,IHC-F,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 1C4-1H3-1H3

MW: Calculated MW: 138 kDa; Observed MW: 180 kDa

Isotype: IgG1

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

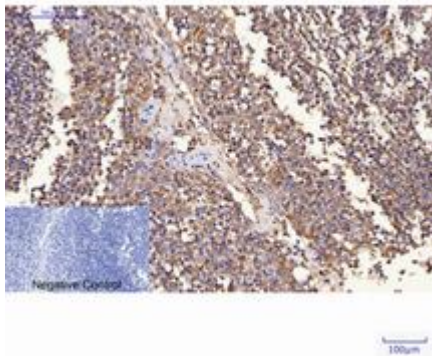
Conjugation: Unconjugated

Modification: Unmodified

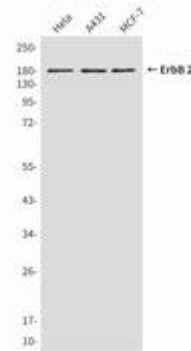
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cancer

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



Immunohistochemistry analysis of paraffin-embedded Human Tonsil tissue using HER2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody.



Western blot analysis of ErbB 2 (1C4) in Hela, A431, MCF-7 lysates using ErbB 2 (1C4) antibody.