

Her-2 clone ERBB2/4439

Rabbit Monoclonal Antibody

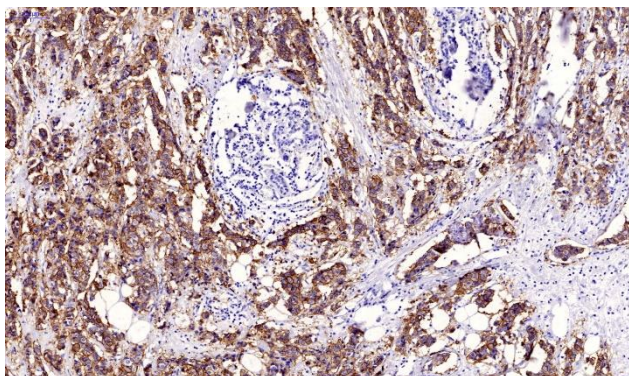
Instruction for Use

Specification:

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. c-erbB-2/HER-2 protein is over-expressed in a variety of carcinomas especially those of breast and ovary.

Availability:

Catalog No.	Contents	Volume
ILM4439-C01	Her-2	0,1 ml concentrate
ILM4439-C05	Her-2	0,5 ml concentrate
ILM4439-C1	Her-2	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human, others not known

Clone: ERBB2/4439

Human Gene ID: 2064

Human SwissProt: IDP0426

Human Unigene: 446352

Species of origin: Rabbit

Isotype: IgG

Control Tissue: Breast carcinoma

Staining: Nuclear

Presentation: Bioreactor Concentrate with 0.05% Azide

Application and suggested dilutions:

Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer pH6.0 for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:50-1:100)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a Goat anti-Rabbit secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

Reference:

- 1) Owens, MA Horten, BC, Da Silva MM. Her2 amplification ratios by fluorescence in situ hybridization and correlation with immunohistochemistry in a cohort of 6556 breast cancer tissues. Clinical breast cancer, 2004,5(1) 63-69
- 2) Gibbons-Fideler IS, Nitta H, Murillo A et al. Identification of Her2 immunohistochemistry-negative fish-amplified breast cancers and their response to anti-her2 neoadjuvant chemotherapy. Am J Clin Pathol, 2019, 151(2) 176-184