

Her-2/neu (ZR218)

Rabbit Monoclonal Antibody

Specificity: Humans

Immunogen: Recombinant protein encoding the extracellular domain of human c-erbB

Ig Class: IgG

Storage: Store at 2-8°C for up to 2 years for concentrate form and 1 year for predilute form

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. Detection methods: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: Breast carcinomas. Cellular Localization: Cell surface. *Intended Use:* Analyte Specific Reagent (ASR).

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 connected to a large intracellular domain by a single transmembrane sequence. c-erbB-2/HER-2 protein is over-expressed in various carcinomas, especially the breast and ovary.

Intended Use: This antibody is intended for in vitro diagnostic (IVD) use. HER-2/neu (clone ZR218) rabbit monoclonal primary antibody is intended for laboratory use in the detection of HER-2/neu in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient's relevant clinical history.

Supplied As: Purified antibody in Tris-HCl buffer containing stabilizing protein and proclin.

References:

1. Alexiev BA, et al. Gen Diagn Pathol. 1997; 142:271-9.
2. Fernández Aceñero MJ, et al. Gen Diagn Pathol. 1997; 142:289-96

REF Z2499RL-A/ Z2499RS-A/ Z2499RT-A/ Z2499RP-A (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)