

# Her-2/neu (ZR5)

## Rabbit Monoclonal Antibody

**Specificity:** Humans

**Immunogen:** Recombinant protein encoding extracellular domain of human c-erbB2

**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:* 1:200-300. *Positive Control:* Breast carcinomas. *Localization:* Cell membrane. *Intended Use:* Research Use Only (RUO).

**Description:** c-erbB-2 is a receptor tyrosine kinase of the c-erbB family. It is closely related in structure to the epidermal growth factor receptor. c-erbB-2 oncoprotein is detectable in a proportion of breast and other adenocarcinomas, as well as transitional cell carcinomas. In the case of breast cancer, expression determined by immunohistochemistry has been shown to be associated with poor prognosis.

**Intended Use:** This antibody is intended for research use only (RUO). Her-2/neu (ZR5) 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 <0.1% sodium azide.

### References:

1. Suthipintawong C, et al. Diagn Cytopathol. 1997; 17:127-33.
2. Alexiev BA, et al. Gen Diagn Pathol. 1997; 142:271-9.
3. Fernández Aceñero MJ, et al. Gen Diagn Pathol. 1997; 142:289-96.

**REF** Z2025RL-R/ Z2025RS-R/ Z2025RT-R/ Z2025RP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)