

Rabbit Anti-HER2 Phospho (pY877) [EP123]: RM0105

Intended Use: For Research Use Only

Description: HER2 / ErbB2 is one of four members of the ErbB receptor family of transmembrane receptor-like tyrosine kinases. The kinase activity of ErbB2 can be activated without a ligand if it is overexpressed, and by association with other ErbB proteins. HER2 is overexpressed in 25–30% of all breast cancers, including primary as well as metastatic breast tumors. HER2 has been widely investigated as a prognostic indicator. Detection of phosphorylated HER2 may aid in predicting breast cancer progression.

Specifications:

Clone: EP123
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Membrane
Formulation: Antibody in PBS pH7.4, containing BSA, glycerol, and ≤0.09% sodium azide (NaN₃).
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
HER2 Phospho (pY877) Concentrated	RM0105	1 ml

IHC Procedure*:

Positive Control Tissue: Breast cancer
Concentrated Dilution: 50-200
Pretreatment: EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.