

A Reliable Research Partner in Life Science and Medicine

Recombinant HER4/ErbB4 Monoclonal Antibody

catalog number: AN301872L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;

Immunogen Recombinant human HER4/ErbB4 fragment

HostRabbitIsotypeIgG, κ CloneA584

Purification Protein Apurified

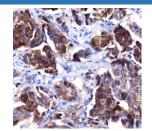
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

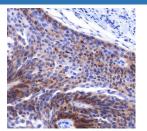
Applications Recommended Dilution

IHC 1:200-1:1000

IF 1:50

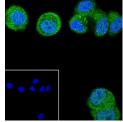
Data





Rev. V1.1

Immunohistochemistry of paraffin-embedded Human breast Immunohistochemistry of paraffin-embedded Human cancer using HER4/ErbB4 Monoclonal Antibody at dilution of cervical cancer using HER4/ErbB4 Monoclonal Antibody at 1:1000. dilution of 1:1000.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed SK-BR-3 cells using anti-HER4/ErbB4 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

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HER4/ErbB4, like other receptor tyrosine kinase family members, has four ectodomains, a single transmembrane domain and a cytoplasmic tail containing the active tyrosine kinase domain. By binding to neuregulins and/or EGF family ligands, ErbB4 forms either a homodimer or heterodimer with other ErbB family members, which results in receptor activation and signaling. ErbB4 is ubiquitously expressed with the highest expression occurring in brain and heart. The expression of ErbB4 in breast cancer, pediatric brain cancer and other types of carcinomas has been reported in research studies suggesting that ErbB4 expression is involved in both normal tissue development and carcinogenesis.

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