Recombinant HER4/ErbB4 Monoclonal Antibody

catalog number: AN301872L

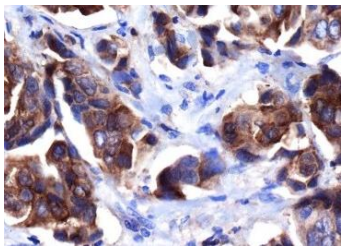
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

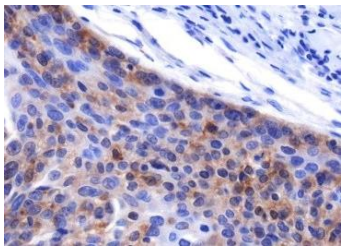
Reactivity	Human;
Immunogen	Recombinant human HER4/ErbB4 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A584
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:200-1:1000
IF	1:50

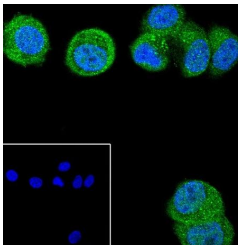
Data



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



Immunohistochemistry of paraffin-embedded Human cervical cancer using HER4/ErbB4 Monoclonal Antibody at 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

Toll-free: 1-888-852-8623
Web: www.elabscience.com
Tel: 1-832-243-6086
Email: techsupport@elabscience.com
Fax: 1-832-243-6017

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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