

ErbB 4 Rabbit mAb

Catalog No: #52757

Package Size: #52757-1 50ul #52757-2 100ul

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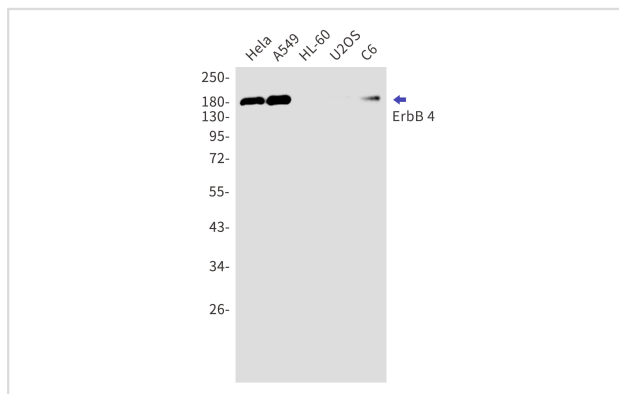
Description

Product Name	ErbB 4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-2H1
Isotype	IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse
Immunogen Description	Recombinant protein of human ErbB 4
Conjugates	Unconjugated
Modification	Unmodification
Other Names	HER4; ALS19; p180erbB4
Accession No.	Swiss-Prot:Q15303GeneID:2066
Calculated MW	Calculated MW:147 kDa,Observed MW:180 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of ErbB 4 in HeLa,A549,HL-60,U2OS,C6 cell lysates using ErbB 4 Rabbit mAb(1:1000 diluted).Predicted band size:147kDa.Observed band size:180kDa.

Background

This gene is a member of the Tyr protein kinase family and the epidermal growth factor receptor subfamily. It encodes a single-pass type I membrane protein with multiple cysteine rich domains, a transmembrane domain, a tyrosine kinase domain, a phosphatidylinositol-3 kinase binding site and a PDZ domain binding motif. The protein binds to and is activated by neuregulins and other factors and induces a variety of cellular responses including

mitogenesis and differentiation. Multiple proteolytic events allow for the release of a cytoplasmic fragment and an extracellular fragment. Mutations in this gene have been associated with cancer. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.