

## HER4/ErbB4 (phospho-Tyr984) rabbit pAb

Catalog No: #13824



Package Size: #13824-1 50ul #13824-2 100ul

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## Description

Product Name	HER4/ErbB4 (phospho-Tyr984) rabbit pAb
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human
Specificity	This antibody detects endogenous levels of Human HER4/ErbB4 (phospho-Tyr984)
Immunogen Description	Synthesized phospho peptide around human HER4 and ErbB4 (Tyr984)
Other Names	Receptor tyrosine-protein kinase erbB-4 (EC 2.7.10.1) (Proto-oncogene-like protein c-ErbB-4) (Tyrosine kinase-type cell surface receptor HER4) (p180erbB4) [Cleaved into: ERBB4 intracellular domain (4ICD) (E4ICD) (s80HER4)]
Accession No.	Swiss Prot:Q15303GeneID:2066
Uniprot	Q15303
GeneID	2066
SDS-PAGE MW	180
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

WB 1:1000-2000

## Background

erb-b2 receptor tyrosine kinase 4(ERBB4) Homo sapiens 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