

Recombinant

DGRmAb®

ErbB 4 (DGR20611) Rabbit mAb

db14215

Package : 10µL 20µL 50µL 100µL

Product Name : ErbB 4 (DGR20611) Rabbit mAb**Cat.No.:** db14215**Synonyms** : HER4; ALS19; p180erbB4**Application** : WB, IHC-P**Reactivity** : Human,Mouse**Host species** : Rabbit**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]

Immunogen

Recombinant protein of human ErbB 4

Gene ID

2066

Swiss Prot

Q15303

Synonyms

HER4; ALS19; p180erbB4

Reactivity

Human,Mouse

Application

WB, IHC-P

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:1000**Calculated MW**

147 kDa

Observed MW

180 kDa

Host species

Rabbit

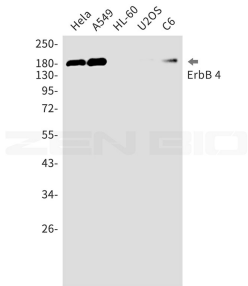
Clonality

Monoclonal

Clonality No.

DGR20611

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of ErbB 4 in HeLa,A549,HL-60,U2OS,C6 cell lysates using ErbB 4 antibody(1:1000 diluted).