

Recombinant

DGRmAb®

**ErbB 4 (DGR19011) Rabbit mAb**

db14580

Package : 10µL 20µL 50µL 100µL

**Product Name** : ErbB 4 (DGR19011) Rabbit mAb**Cat.No.:** db14580**Synonyms** : HER4; ALS19; p180erbB4**Application** : WB, FC**Reactivity** : Human,Mouse,Rat**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**

A synthetic peptide of human ErbB 4

**Gene ID**

2066

**Swiss Prot**

Q15303

**Synonyms**

HER4; ALS19; p180erbB4

**Reactivity**

Human,Mouse,Rat

**Application**

WB, FC

**Recommended dilution**

WB: 1:1000

FC: 1:20

**Calculated MW**

147 kDa

**Observed MW**

180 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR19011

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.

Mouse brain



Western blot analysis of extracts from Mouse brain tissue using db14580 at 1:1000.