

Recombinant

DGRmAb®

ErbB 4 (DGR19011) Rabbit mAb (PBS Only)

db14580-PBS

Package : 10µg 100µg

Product Name : ErbB 4 (DGR19011) Rabbit mAb (PBS Only)**Cat.No.:** db14580-PBS**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

Calculated MW

147 kDa

Observed MW

180 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR19011

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.

Mouse brain



Western blot analysis of extracts from Mouse brain tissue using [db14580](#) at 1:1000.