Recombinant DGRmAb®

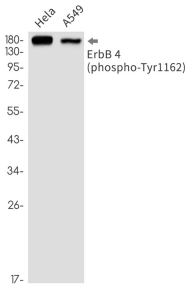
Phospho-ErbB 4 (Tyr1162) (DGR34251) Rabbit mAb

db14828 **Package : 10μL 20μL 50μL 100μL**

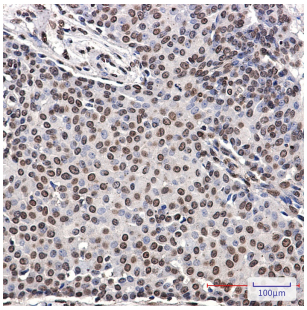
Product Name : Phospho-ErbB 4 (Tyr1162) (DGR34251) Rabbit mAb
Cat.No.: db14828
Synonyms : HER4; ALS19; p180erbB4
Application : WB, IHC-P, IP
Reactivity : Human
Host species : Rabbit

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 phosphotidylinositol-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 phosphopeptide corresponding to residues surrounding Tyr1162 of human ErbB 4
Gene ID	2066
Swiss Prot	Q15303
Synonyms	HER4; ALS19; p180erbB4
Reactivity	Human
Application	WB, IHC-P, IP
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:200-1:1000 IP: 1:20
Calculated MW	147 kDa
Observed MW	180 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR34251
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 (phospho-Tyr1162) in Hela,A549 cell lysates using ErbB 4 (phospho-Tyr1162) antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human breast cancer using db14828 antibody.