

Recombinant

DGRmAb®

**ErbB 3 (DGR20850) Rabbit mAb**

db13639

Package : 10µL 20µL 50µL 100µL

**Product Name** : ErbB 3 (DGR20850) Rabbit mAb**Cat.No.:** db13639**Synonyms** : HER3; FERLK; LCCS2; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3**Application** : WB, IHC-P, FC**Reactivity** : Human,Mouse**Host species** : Rabbit**Background**

This gene encodes a member of the epidermal growth factor receptor (EGFR) family of receptor tyrosine kinases. This membrane-bound protein has a neuregulin binding domain but not an active kinase domain. It therefore can bind this ligand but not convey the signal into the cell through protein phosphorylation. However, it does form heterodimers with other EGF receptor family members which do have kinase activity. Heterodimerization leads to the activation of pathways which lead to cell proliferation or differentiation. Amplification of this gene and/or overexpression of its protein have been reported in numerous cancers, including prostate, bladder, and breast tumors. Alternate transcriptional splice variants encoding different isoforms have been characterized. One isoform lacks the intermembrane region and is secreted outside the cell. This form acts to modulate the activity of the membrane-bound form. Additional splice variants have also been reported, but they have not been thoroughly characterized. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human ErbB 3

**Gene ID**

2065

**Swiss Prot**

P21860

**Synonyms**

HER3; FERLK; LCCS2; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3

**Reactivity**

Human,Mouse

**Application**

WB, IHC-P, FC

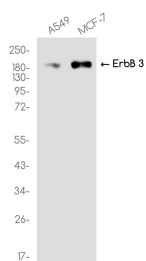
**Recommended dilution**WB: 1:1000  
IHC-P: 1:100-1:200  
FC: 1:20-1:50**Calculated MW**

148 kDa

**Observed MW**

185 kDa

<b>Host species</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	DGR20850
<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.



Western blot detection of ErbB 3 in A549, MCF-7 cell lysates using ErbB 3 antibody(1:1000 diluted).