Phospho-ErbB 2 (Tyr1221/Tyr1222) Rabbit pAb

db21015 **Package : 20μL 50μL 100μL**

Product Name : Phospho-ErbB 2 (Tyr1221/Tyr1222) Rabbit pAb
Cat.No.: db21015
Synonyms : NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/neu
Application : WB
Reactivity : Human
Host species : Rabbit

Background	This gene encodes a member of the epidermal growth factor (EGF) receptor family of receptor tyrosine kinases. This protein has no ligand binding domain of its own and therefore cannot bind growth factors. However, it does bind tightly to other ligand-bound EGF receptor family members to form a heterodimer, stabilizing ligand binding and enhancing kinase-mediated activation of downstream signalling pathways, such as those involving mitogen-activated protein kinase and phosphatidylinositol-3 kinase. Allelic variations at amino acid positions 654 and 655 of isoform a (positions 624 and 625 of isoform b) have been reported, with the most common allele, Ile654/Ile655, shown here. Amplification and/or overexpression of this gene has been reported in numerous cancers, including breast and ovarian tumors. Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Tyr1221/Tyr1222 of human ErbB 2
Gene ID	2064
Swiss Prot	P04626
Synonyms	NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/neu
Reactivity	Human
Application	WB
Recommended dilution	WB: 1:1000
Calculated MW	138 kDa
Observed MW	185 kDa
Host species	Rabbit
Clonality	Polyclonal

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.