

ErbB 2 Rabbit pAb

db2123

Package : 20µL 50µL 100µL

Product Name : ErbB 2 Rabbit pAb**Cat.No.:** db2123**Synonyms** : NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/neu**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Rat**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 peptide 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, Rat

Application

WB, IHC, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000

IHC: 1:500

ICC/IF: 1:50

FC: 1:20

IP: 1:20

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.