HER2 (Phospho-Tyr1139) Polyclonal Antibody

Catalog No: #13826

Package Size: #13826-1 50ul #13826-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	HER2 (Phospho-Tyr1139) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	IHC-p,IF(paraffin section),WB
Species Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous phospho levels of HER2 (Phospho-Tyr1139) at Human:Y1139, Mouse:Y1140, Rat:Y1141
Immunogen Description	Synthesized peptide derived from human HER2 (Phospho-Tyr1139)
Other Names	Receptor tyrosine-protein kinase erbB-2 (EC 2.7.10.1) (Metastatic lymph node gene 19 protein) (MLN 19) (Proto-oncogene Neu) (Proto-oncogene c-ErbB-2) (Tyrosine kinase-type cell surface receptor HER2) (p185erbB2) (CD antigen CD340)
Accession No.	Swiss Prot:P04626GeneID:2064
Uniprot	P04626
GeneID	2064
SDS-PAGE MW	180
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

IHC-p 1:50-200, WB 1:500-2000

Background

erb-b2 receptor tyrosine kinase 2(ERBB2) Homo sapiens 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 d

Note: This product is for in vitro research use only