

HER2(Phospho-Tyr1139) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06593
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human HER2 (Phospho-Tyr1139)
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF, WB
Concentration	1 mg/ml
Full name	HER2
Synonyms	HER2 ;Phospho-Tyr1139; 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 d

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year