

Her-2(c-erbB-2) (ABT-Her2) mouse mAb Ready to use

Catalog No.	IML0062
Reactivity	Human
Applications	IHC-p; IF(paraffin section)
Gene Name	ERBB2 HER2 MLN19 NEU NGL
Protein Name	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)
Human Gene Id	2064
Swiss-Prot	P04626
Formulation	Liquid in PBS containing, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse:IgG2b, Kappa
Dilution	IHC-p: 1:100-1:200 IF: 1:50-1:200
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration	-
Storage&Stability	4°C: 1 years
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.
Subcellular Location	Membranous
BiowMW	-

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