

Mouse ErbB-2/HER-2 Monoclonal Antibody | anti-ErbB-2/HER-2 antibody

ErbB-2/HER-2 Mouse Monoclonal Antibody

CATALOG # AAA300799	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	----------------------	--	---

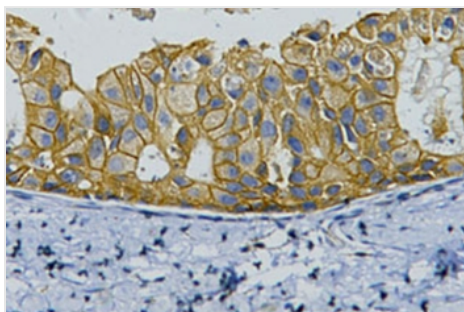
PRODUCT SYNONYMS

ErbB-2/HER-2; Monoclonal Antibody; ErbB-2/HER-2 Mouse Monoclonal Antibody; c-erb B2/neu protein; CD340; erbB-2; ERBB2; HER-2; HER-2/neu; HER2; herstatin; Metastatic lymph node gene 19 protein; MLN 19; anti-ErbB-2/HER-2 antibody

PRODUCT SPECIFICATIONS

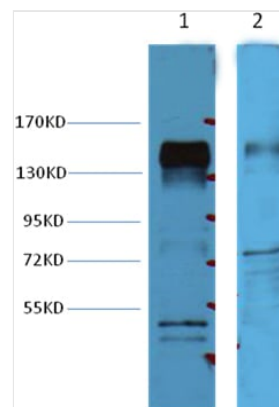
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	11H9
Specificity	The ErbB-2/HER-2 Mouse Monoclonal antibody detects endogenous ErbB-2/HER-2 proteins.
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1225
Applicable Applications for anti-ErbB-2/HER-2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Target Name	ErbB-2/HER-2
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

IHC staining of human breast cancer tissue with ErbB-2/HER-2 mouse mAb(11H9) diluted at 1:200.



WB (Western Blot)

Western blot analysis of Hela cell lysate (lane 1) and mouse brain (lane 2), using diluted at 1:4,000.

ADDITIONAL INFORMATION

Related Product Information for anti-ErbB-2/HER-2 antibody	ErbB 2 is a receptor tyrosine kinase of the ErbB 2 family. It is closely related in structure to the epidermal growth factor receptor. ErbB 2 oncoprotein is detectable in a proportion of breast and other adenocarcinomas, as well as transitional cell carcinomas. In the case of breast cancer, expression determined by immunohistochemistry has been shown to be associated with poor prognosis.
Product Categories/Family for anti-ErbB-2/HER-2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792098
NCBI GeneID	2064
NCBI Accession #	NP_001005862.1
NCBI GenBank Nucleotide #	NM_001005862.2
UniProt Accession #	P04626; Q14256; Q6LDV1; Q9UMK4; B2RZG3; B4DHN3; X5D2V5
Molecular Weight	97,253 Da
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-2 isoform b
NCBI Official Synonym Full Names	erb-b2 receptor tyrosine kinase 2
NCBI Official Symbol	ERBB2
NCBI Official Synonym Symbols	NEU; NGL; HER2; TKR1; CD340; HER-2; MLN 19; HER-2/neu
NCBI Protein Information	receptor tyrosine-protein kinase erbB-2
UniProt Protein Name	Receptor tyrosine-protein kinase erbB-2
UniProt Gene Name	ERBB2
UniProt Synonym Gene Names	HER2; MLN19; NEU; NGL; MLN 19
UniProt Entry Name	ERBB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.