

Mouse HER-2 Monoclonal Antibody | anti-ERBB2 antibody

HER-2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62616	Mouse	Human. Others not known	Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

HER-2; Monoclonal Antibody; p185; CD340; Verb b2 Erythroblastic Leukemia Viral Oncogene Homolog 2; Neuro/Glioblastoma Derived Oncogene Homolog; anti-ERBB2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Others not known
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	HRB2/718
Specificity	Recognizes a protein of 185kDa, which is identified as c-erbB-2/HER-2/neu. Its epitope is localized in the extracellular domain. C-erbB-2/HER-2 is a member of the EGFR family. This MAb is specific and shows minimal cross-reaction with other members of the EGFR-family. Receptors of this family are located on the plasma membrane and consist of an extracellular ligand-binding domain that is connected to a large intracellular domain by a single transmembrane sequence. C-erbB-2/HER-2 protein is over-expressed in a variety of carcinomas especially those of breast and ovary.
Form/Format	200 ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA and 0.05% azide. Also available without BSA and azide at 1.0 mg/ml.
Sequence Length	1225
Applicable Applications for anti-ERBB2 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Localization	Cell surface
Positive Control	SKBR-3 Cells or Breast Cancers.
Human Chromosomal Location	17q12
Immunogen	Recombinant extracellular domain of human HER-2 protein
Preparation and Storage	Store at -20 to -80 degree C. Antibody is stable for 24 months.

ADDITIONAL INFORMATION

References	Utrilla JC, et al. Histopathology. 34: 60-65 (1999). 2. Wright C, et al. British Journal of Cancer. 65: 118-121 (1992). 3. Corbett IP, et al. Journal of Pathology. 161: 15-25 (1990).
------------	---

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	185kDa
NCBI Official Full Name	receptor tyrosine-protein kinase erbB-2 isoform b
NCBI Official Synonym Full Names	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 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; herstatin; p185erbB2; proto-oncogene Neu; c-erb B2/neu protein; proto-oncogene c-ErbB-2; metastatic lymph node gene 19 protein; neuro/glioblastoma derived oncogene homolog; tyrosine kinase-type cell surface receptor HER2; neuroblastoma/glioblastoma derived oncogene homolog; v-erb-b2 avian erythroblastic leukemia viral oncoprotein 2; v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/her-2-antibody-clone-hrb2-718-immunofluorescence-flow-cytometry-elisa/62616>