

Mouse anti-Human ERBB2 Antibody | anti-ERBB2 antibody

ERBB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108656	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

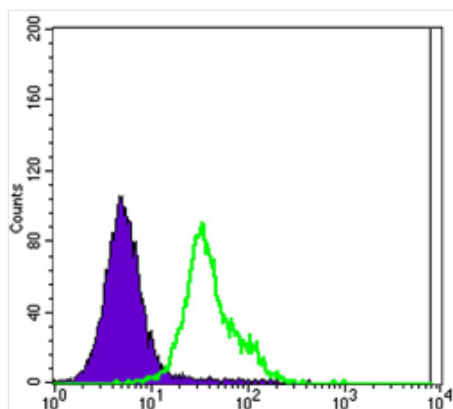
PRODUCT SYNONYMS

ERBB2; ERBB2 Antibody; NEU; HER2; TKR1; CD340; HER-2; anti-ERBB2 antibody

PRODUCT SPECIFICATIONS

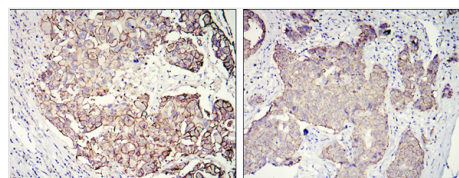
Host	Mouse
Reactivity	Human
Isotype	Mouse IgG1
Clone Number	6C2
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	1225
Applicable Applications for anti-ERBB2 antibody	ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human ERBB2(aa750-987) expressed in E. Coli.
Preparation and Storage	Store at 4°C, for long term storage, store at -20°C.

IMAGES



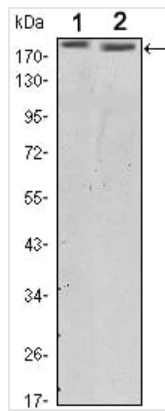
FCM/FACS (Flow Cytometry)

Figure 3: Flow cytometric analysis of MCF-7 cells using ERBB2 mouse mAb (green) and negative control (purple).



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded galactophore tumour using ERBB2 mouse mAb with DAB staining



WB (Western Blot)

Figure 1: Western blot analysis using ERBB2 mouse mAb against SKBR3 (1) and MCF-7 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ERBB2 antibody	ERBB2: v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian). 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.
Product Categories/Family for anti-ERBB2 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

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	180kDa
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

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.