

Mouse HER2 Monoclonal Antibody | anti-HER2 antibody

HER2 antibody

CATALOG # AAA106479	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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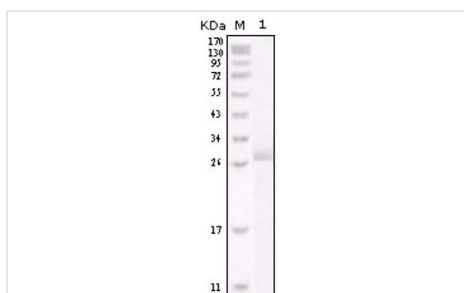
PRODUCT SYNONYMS

HER2; Monoclonal Antibody; HER2 antibody; Monoclonal HER2; Anti-HER2; HER-2; HER 2; anti-HER2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	9B9D8
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	108
Applicable Applications for anti-HER2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Biological Significance	HER2 is a cell membrane surface-bound receptor tyrosine kinase and is normally involved in the signal transduction pathways leading to cell growth and differentiation. It is encoded within the genome by HER2/neu, a known proto-oncogene. HER2 is thought to be an orphan receptor, with none of the EGF family of ligands able to activate it. However, ErbB receptors dimerise on ligand binding, and HER2 is the preferential dimerisation partner of other members of the ErbB family.
Cross-Reactivity	Human
Immunogen	HER2 antibody was raised in Mouse using a purified recombinant fragment of HER-2 expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot showing HER-2 antibody used against truncated HER-2 recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-HER2 antibody	Mouse monoclonal HER2 antibody
Product Categories/Family for anti-HER2 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	18858791
NCBI GeneID	30300
NCBI Accession #	NP_571164.1
NCBI GenBank Nucleotide #	NM_131089.1
UniProt Accession #	Q90464
Molecular Weight	12,416 Da
NCBI Official Full Name	hairy-related 2
NCBI Official Synonym Full Names	hairy-related 2
NCBI Official Symbol	her2
NCBI Official Synonym Symbols	HER-2
NCBI Protein Information	hairy-related 2
UniProt Protein Name	HER-2 protein
UniProt Gene Name	her2
UniProt Entry Name	Q90464_DANRE

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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/her2-antibody-clone-9b9d8-western-blot-immunohistochemistry-elisa/106479>