

# Product Datasheet

## ErbB2/Her2 Antibody (S-495) NBP1-72166

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-72166**

ErbB2/Her2 Antibody (S-495)

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	S-495
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	Sterile TBS (pH 7.2) with antibody stabilizer
<b>Target Molecular Weight</b>	185 kDa

<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	2064
<b>Gene Symbol</b>	ERBB2
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	This antibody recognizes ErbB2/HER2 protein. It cross-reacts with human, rat and mouse. The other species was not tested.
<b>Immunogen</b>	A synthetic peptide corresponding to the C-terminus of ErbB2/HER2 protein.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 0.1-1 ug/ml, Flow Cytometry 5-10 ug/ml, ELISA 0.01-0.1 ug/ml, Immunohistochemistry 2-5 ug/ml, Immunocytochemistry/Immunofluorescence, Immunoprecipitation 2-5 ug/ml

**Publications**

Le XF, McWatters A, Wiener J, Wu JY, Mills GB, Bast RC Jr. Anti-HER2 antibody and heregulin suppress growth of HER2-overexpressing human breast cancer cells through different mechanisms. Department of Clinical Investigation, The University of Texas M.D. Anderson Cancer Center, Houston 77030, USA. Clin Cancer Res. 6(1):260-70. 2000-01-01 [PMID: 10656457]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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