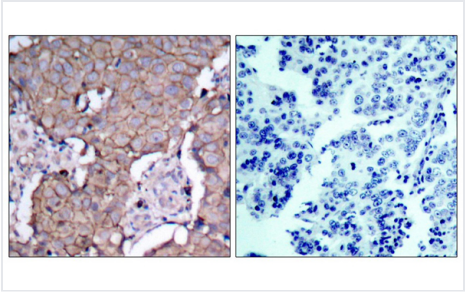
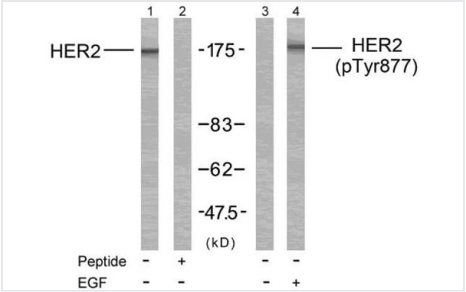
HER2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

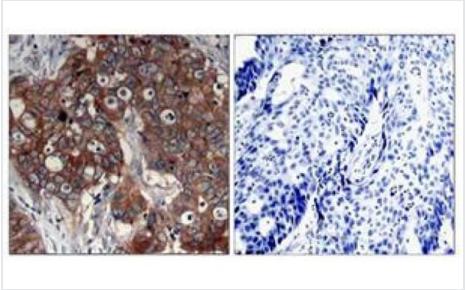
Product Name	HER2, Polyclonal Antibody
Full Product Name	HER2 Antibody
Product Gene Name	anti-HER2 antibody
Product Synonym Names	Rabbit Polyclonal HER2 Antibody; Polyclonal HER2 antibody; Anti-HER2 antibody; c-erb B2/neu protein antibody; CD340 antibody; erbB-2 antibody; ERBB2 antibody; HER-2 antibody; HER-2/neu antibody; HER2 antibody; herstatin antibody; Metastatic lymph node gene 19 protein antibody; MLN 19 antibody; MLN19 antibody; NEU antibody; neuroblastoma/glioblastoma derived oncogene homolog antibody; NGL antibody; p185erbB2 antibody; Proto-oncogene c-ErbB-2 antibody; Proto-oncogene Neu antibody; Receptor tyrosine-protein kinase erbB-2 antibody; TKR1 antibody; Tyrosine kinase-type cell surface receptor HER2 antibody; v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog) antibody; v-erb-b2 erythroblastic leukemia viral oncogene homolog 2 neuro/glioblastoma derived oncogene homolog (avian) antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Supplied in PBS buffer (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Purity/Purification	Affinity Chromatography
Concentration	1 mg/ml (lot specific)
Specificity	HER2 antibody detects endogenous levels of total HER2 protein
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.
Immunogen	HER2 antibody was raised in Rabbit using a synthesized non-phosphopeptide derived from human HER2 around the phosphorylation site of tyrosine 877 (T-E-YP-H-A) as the immunogen.
Cross-Reactivity	Mouse, Rat
Product Categories/Family for anti-HER2 antibody	Cytokines & Growth Factors
Applications Tested/Suitable for anti-HER2 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-HER2 antibody	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:100-1:200
Related Product Information for anti-HER2 antibody	HER2 is a member of the epidermal growth factor receptor (EGFR/ERBB) family. Amplification or overexpression of this oncogene has been shown to play an important role in the development and progression of certain aggressive types of breast cancer. In recent years the protein has become an important biomarker and target of therapy for approx. 30% of breast cancer patients.
Other Notes	Small volumes of anti-HER2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HER2 purchase	MBS5313842 is an antibody targeting HER2. Also known as HER2 Antibody. Host: Rabbit.



Immunohistochemistry (IHC) of anti-HER2 antibody
Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue using HER2 antibody



Western Blot (WB) of anti-HER2 antibody
Western blot analysis of extracts from MDA-MB-231 cells using HER2 antibody and HER2 antibody (Lanes 3 and 4)



Immunohistochemistry (IHC) of anti-HER2 antibody
Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue using HER2 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HER2. It may not necessarily be applicable to this product.

NCBI GI #	51449902
NCBI GeneID	751824
NCBI Official Full Name	HER2, partial
NCBI Official Synonym Full Names	erb-b2 receptor tyrosine kinase 2
NCBI Official Symbol	ERBB2
NCBI Official Synonym Symbols	HER2; erb2
NCBI Protein Information	receptor tyrosine-protein kinase erbB-2
Research Articles on HER2	**1.** Like in humans, sHER2 levels are increased in cats with MC HER2-positive, strongly suggesting that evaluation of sHER2 levels can be very useful in feline oncology.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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