

# Product Datasheet

## ErbB2/Her2 Antibody (HRB2/273) - Azide and BSA Free NBP2-48005-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-48005-0.1mg**

ErbB2/Her2 Antibody (HRB2/273) - Azide and BSA Free

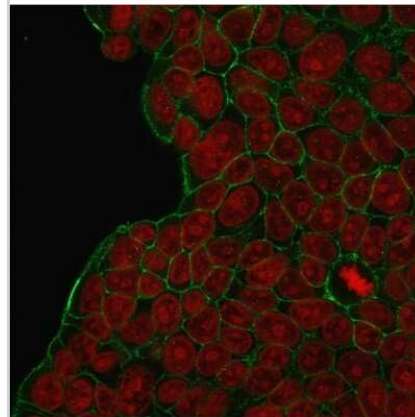
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HRB2/273
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	185 kDa

Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44984).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	2064
Gene Symbol	ERBB2
Species	Human
Specificity/Sensitivity	This monoclonal antibody is specific to c-erbB-2/HER-2 and shows minimal cross-reaction with other members of the family. C-erbB-2/HER-2 is a member 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.
Immunogen	Recombinant extracellular domain of human ErbB2/Her2 protein (Uniprot: P04626)

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, ELISA, Immunocytochemistry/ Immunofluorescence, Immunofluorescence 0.5 - 1.0 ug/ml, CyTOF-ready
Application Notes	ELISA: For coating, order antibody without BSA). Optimal dilution for a specific application should be determined.

## Images

Immunocytochemistry/Immunofluorescence: ErbB2/Her2 Antibody (HRB2/273) - Azide and BSA Free [NBP2-48005] - Immunofluorescent staining of MCF-7 cells with ErbB2/Her2 Antibody (HRB2/273) followed by goat anti-Mouse IgG-CF488 (Green). Nuclei are stained with Red Dot (Red).





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### **Products Related to NBP2-48005-0.1mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-29624PEP	ErbB2/Her2 Antibody Blocking Peptide

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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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