

Product Datasheet

ErbB2/Her2 Antibody (HRB2/258)

NBP2-32862-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-32862-0.1mg

ErbB2/Her2 Antibody (HRB2/258)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	HRB2/258
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	185 kDa

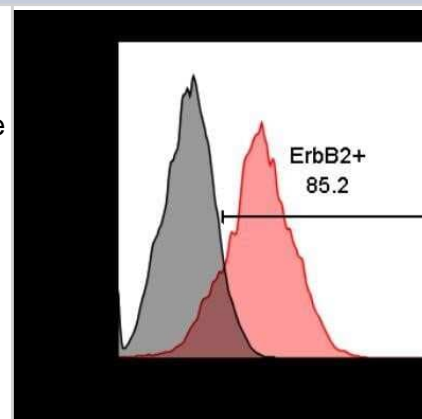
Product Description	
Description	<p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34641)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p>
Host	Mouse
Gene ID	2064
Gene Symbol	ERBB2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Recognizes a protein of 185kDa, which is identified as c-erbB-2/HER-2/neu. Its epitope is localized in the extracellular domain. C-erbB-2/HER-2 is a member of the EGFR family. This monoclonal antibody is specific and shows minimal cross-reaction with other members 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: IDP04626)

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, ELISA, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml
Application Notes	ELISA: For coating, order antibody without BSA). Optimal dilution for a specific application should be determined.



Images

Flow Cytometry: ErbB2/Her2 Antibody (HRB2/258) [NBP2-32862] - TUBO murine mammary cancer cells expression of rat ErbB-2 receptor. Grey histogram is unstained cells, while red is cells incubated with 1:500 dilution of anti-rat-ErbB-2-AF488 in the dark for 30 minutes on ice. Image from verified customer review. Image using the AlexaFluor 488 format of this antibody.



Publications

Wallis J, Katti P, Martin AM et al. A liposome-based cancer vaccine for a rapid and high-titre anti-ErbB-2 antibody response Eur J Pharm Sci 2020-01-01 [PMID: 32653563] (FLOW, Mouse)

Details:

Citation using the Alexa Fluor 488 format of this antibody.



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Products Related to NBP2-32862-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00002064-P01-2ug	Recombinant Human ErbB2/Her2 GST (N-Term) Protein

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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