Product Datasheet

ErbB2/Her2 Antibody (HRB2/451)
NBP2-29437

Unit Size: 0.1 mg

Store at 4C.

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Updated 10/23/2024 v.20.1

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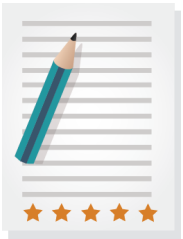


NBP2-29437

ErbB2/Her2 Antibody (HRB2/451)

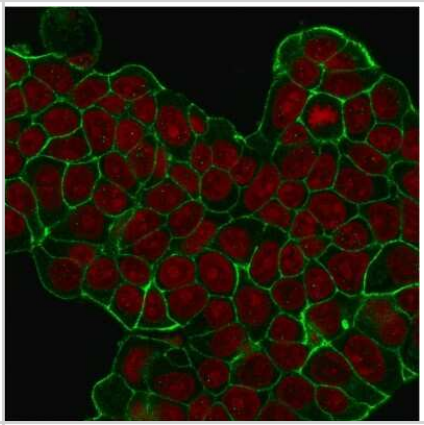
Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	HRB2/451
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	185 kDa

Product Description	
Description	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. (NBP2-33064) 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 human ErbB2/Her2 protein (Uniprot: IDP04626)

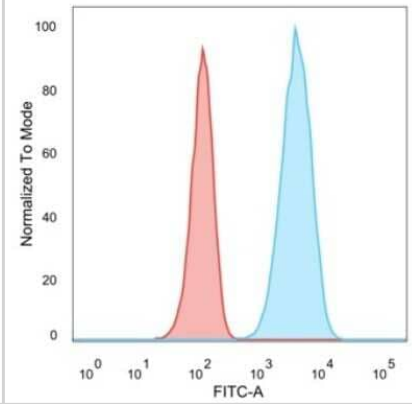
Product Application Details	
Applications	ELISA, Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, Immunofluorescence
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-4 ug/ml, Immunohistochemistry-Paraffin 0.5-1.0ug/ml, Protein Array, Flow (Cell Surface), Immunofluorescence 1-2ug/ml
Application Notes	ELISA: For coating, order antibody without BSA) Optimal dilution for a specific application should be determined.

Images

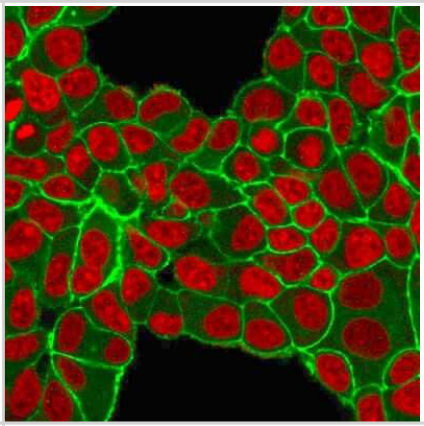
Immunocytochemistry/Immunofluorescence: ErbB2/Her2 Antibody (HRB2/451) [NBP2-29437] - ICC/IF staining of MCF-7 cells with followed by goat anti-Mouse IgG-CF488 (Green). Nuclei are stained with Red Dot (Red).



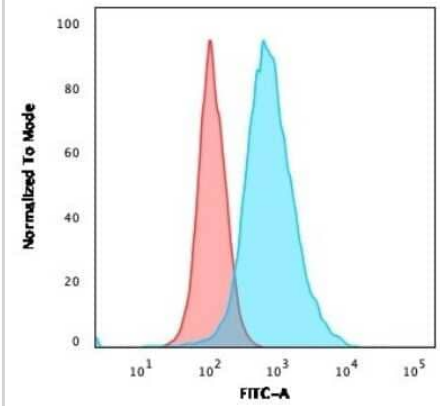
Flow Cytometry: ErbB2/Her2 Antibody (HRB2/451) [NBP2-29437] - Flow Cytometric Analysis of human trypsinized MCF-7 cells. ErbB2/Her2 Monospecific Mouse Monoclonal Antibody (HRB2/451) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype control (Red).



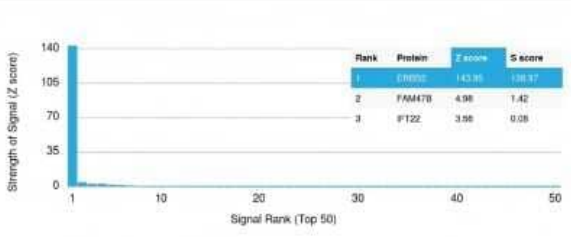
Immunocytochemistry/Immunofluorescence: ErbB2/Her2 Antibody (HRB2/451) [NBP2-29437] - Immunofluorescent staining of PFA-fixed MCF-7 cells with ErbB2/Her2 Monospecific Mouse Monoclonal Antibody (HRB2/451) followed by goat anti-Mouse IgG-CF488 (Green). Nuclei are stained with Reddot (Red).



Flow Cytometry: ErbB2/Her2 Antibody (HRB2/451) [NBP2-29437] - Flow Cytometric Analysis of human trypsinized SK-BR3 cells. ErbB2/Her2 Antibody (HRB2/451) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype control (Red).



Protein Array: ErbB2/Her2 Antibody (HRB2/451) [NBP2-29437] - Analysis of Protein Array containing more than 19,000 full-length human proteins using ErbB2/Her2 Antibody (HRB2/451) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt (TM) array. Z-scores are described in units of standard deviations (SD?s) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD?s) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5.



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Products Related to NBP2-29437

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

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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