

Product Datasheet

ErbB2/Her2 Antibody - BSA Free NBP2-29624

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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Publications: 1

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NBP2-29624

ErbB2/Her2 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	IgG purified
Buffer	PBS

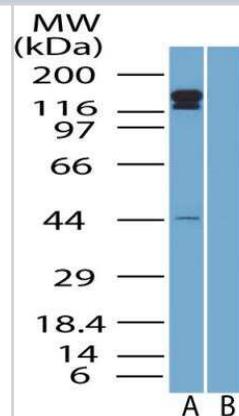
Product Description	
Description	Novus Biologicals Rabbit ErbB2/Her2 Antibody - BSA Free (NBP2-29624) is a polyclonal antibody validated for use in IHC and WB. Anti-ErbB2/Her2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2064
Gene Symbol	ERBB2
Species	Human
Immunogen	Synthetic peptide made to C-terminal portion of human HER2 protein (between residues 1100-1200) [UniProt P04626]

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

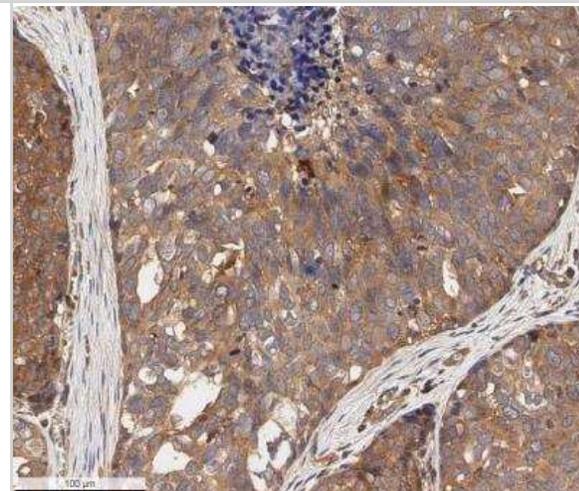


Images

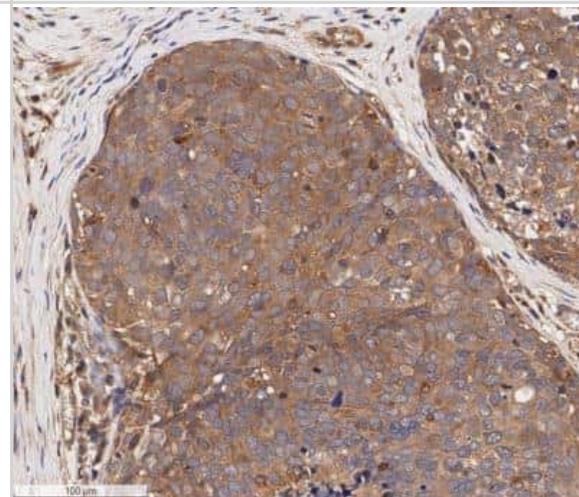
Western Blot: ErbB2/HER2 Antibody [NBP2-29624] - Western blot analysis of ErbB2/HER2 in SKOV3 cell lysate.



Immunohistochemistry-Paraffin: ErbB2/Her2 Antibody [NBP2-29624] - IHC analysis of a formalin-fixed paraffin-embedded (FFPE) human breast carcinoma tissue section using 1:50 dilution of ErbB2/HER2 antibody (NBP2-29624) on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) with 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching using peroxide block. The sections were incubated with primary antibody for 30 minutes. Bond Polymer Refine Detection (Leica Biosystems) and DAB were used for signal detection which followed counterstaining with hematoxylin. Whole slide scanning and capturing of representative images (20X) were performed using Aperio AT2 (Leica Biosystems). This ErbB3 antibody generated a diffused cytoplasmic with some membrane and nuclear staining in the cancer cells, endothelial cells as well as in the tumor stromal cells. The cells in the cores of some tumor areas were negative for ErbB2.



Immunohistochemistry-Paraffin: ErbB2/Her2 Antibody [NBP2-29624] - IHC analysis of a formalin-fixed paraffin-embedded (FFPE) human breast carcinoma tissue section using 1:50 dilution of ErbB2/HER2 antibody (NBP2-29624) on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) with 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching using peroxide block. The sections were incubated with primary antibody for 30 minutes. Bond Polymer Refine Detection (Leica Biosystems) and DAB were used for signal detection which followed counterstaining with hematoxylin. Whole slide scanning and capturing of representative images (20X) were performed using Aperio AT2 (Leica Biosystems). This ErbB2 antibody generated a diffused cytoplasmic with some membrane and nuclear staining in the cancer cells, endothelial cells as well as in the tumor stromal cells. Staining was performed by Histowiz.



Publications

Seigel GM, Sharma S, Hackam AS, Shah DK. HER2/ERBB2 immunoreactivity in human retinoblastoma. *Tumour Biol.* 2015-11-27 [PMID: 26614428]



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Products Related to NBP2-29624

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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