

# 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.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-29624](http://www.novusbio.com/NBP2-29624)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-29624](http://www.novusbio.com/reviews/destination/NBP2-29624)



**NBP2-29624**

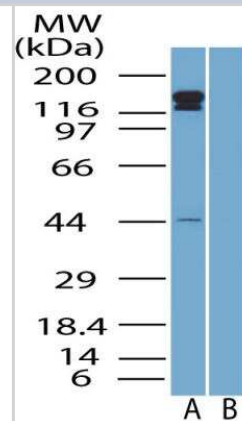
ErbB2/Her2 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	IgG purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	2064
<b>Gene Symbol</b>	ERBB2
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptide made to C-terminal portion of human HER2 protein (between residues 1100-1200) [UniProt P04626]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500, Immunohistochemistry 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

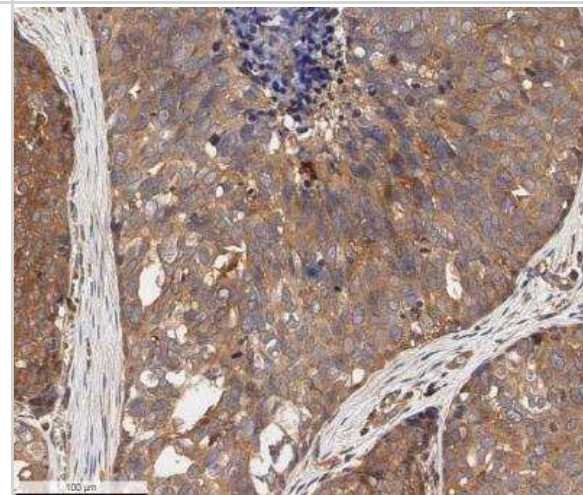


## Images

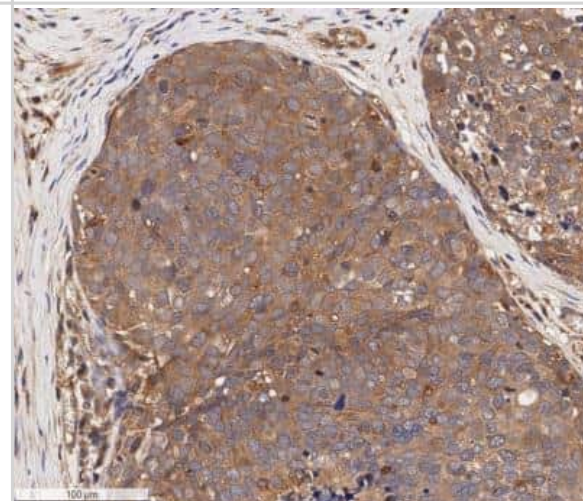
Western Blot: ErbB2/HER2 Antibody [NBP2-29624] - Western blot analysis of ErbB2/HER2 in SKOV3 cell lysate.



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]



### Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### General Contact Information

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### Products Related to NBP2-29624

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-29624](http://www.novusbio.com/reviews/submit/NBP2-29624)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

