

Product Datasheet

ErbB2/Her2 Antibody - BSA Free NBP1-84584

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 3

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Updated 12/2/2025 v.20.1

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NBP1-84584

ErbB2/Her2 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

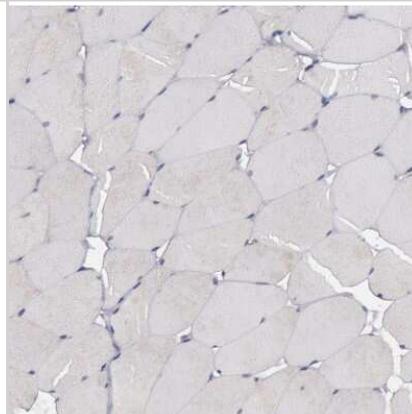
Product Description	
Description	Novus Biologicals Rabbit ErbB2/Her2 Antibody - BSA Free (NBP1-84584) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ErbB2/Her2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2064
Gene Symbol	ERBB2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30522949). Immunogen displays the following percentage of sequence identity for non-tested species: Rat (81%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LPSETDGYVAPLTCSPQPEYVNQPDVVRPQPPSPREGPLPAARPAGATLERPKT LSPGKNGVVKDVFAFGGAVENPEYLTPQGGAAPQPHPPPAFSPAFDNLYYWD QDPPERGAPPSTFKGTPTA

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

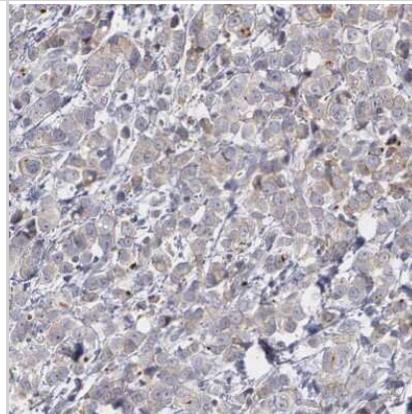


Images

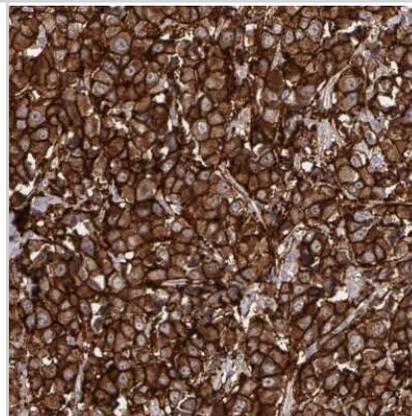
Immunohistochemistry-Paraffin: ErbB2/Her2 Antibody [NBP1-84584] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



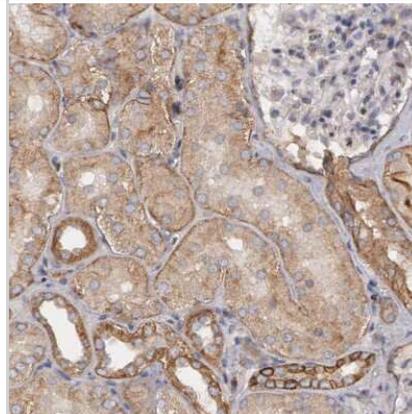
Immunohistochemistry-Paraffin: ErbB2/Her2 Antibody [NBP1-84584] - Staining of human breast cancer shows no positivity in tumor cells as expected.



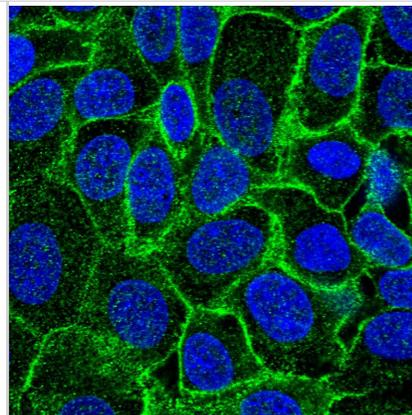
Immunohistochemistry-Paraffin: ErbB2/Her2 Antibody [NBP1-84584] - Staining of human breast cancer shows strong membranous positivity in tumor cells.



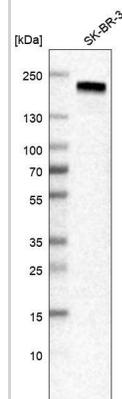
Immunohistochemistry-Paraffin: ErbB2/Her2 Antibody [NBP1-84584] - Staining of human kidney shows weak to moderate granular cytoplasmic positivity in cells in tubules.



Staining of human cell line MCF7 shows localization to plasma membrane.



Analysis in human cell line SK-BR-3.



Publications

Steele N, Chakrabarti J, Wang J et al. An Organoid-Based Preclinical Model of Human Gastric Cancer Cellular and Molecular Gastroenterology and Hepatology 2018-09-02 [PMID: 30522949] (ICC/IF, Mouse)

Newie I, Sokilde R, Persson H et al. The HER2-Encoded miR-4728-3p Regulates ESR1 through a Non-Canonical Internal Seed Interaction. PLoS One 2014-01-01 [PMID: 24828673] (WB, Human)

Huvila J, Talve L, Carpen O et al. Progesterone receptor negativity is an independent risk factor for relapse in patients with early stage endometrioid endometrial adenocarcinoma. Gynecol Oncol 2013-09-01 [PMID: 23777659]



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Products Related to NBP1-84584

NBP1-84584PEP	ErbB2/Her2 Recombinant Protein Antigen
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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