

# Product Datasheet

## ErbB2/Her2 [p Tyr877] Antibody - BSA Free NB100-81961

Unit Size: 0.05 ml

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

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**NB100-81961**

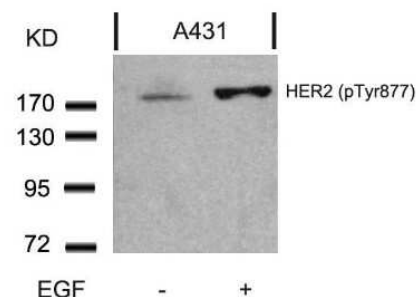
ErbB2/Her2 [p Tyr877] Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
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	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 50% glycerol
Target Molecular Weight	180 kDa
Product Description	
Host	Rabbit
Gene ID	2064
Gene Symbol	ERBB2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects endogenous levels of ErbB2/Her2 only when phosphorylated at tyrosine 877.
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human ErbB2/Her2 around the phosphorylation site of tyrosine 877 (T-E-YP-H-A).
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:100-1:200, Immunohistochemistry-Paraffin 1:50-1:100

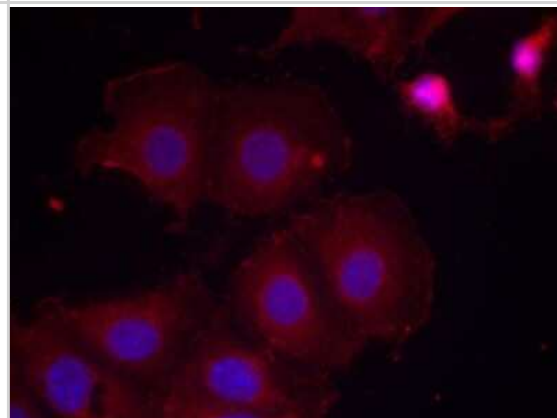


## Images

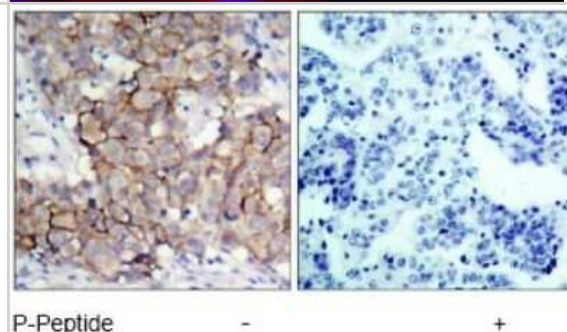
Western Blot: ErbB2/Her2 [p Tyr877] Antibody [NB100-81961] - Analysis of extracts from A431 cells untreated or treated with EGF using HER2 (Phospho-Tyr877) antibody



Immunocytochemistry/Immunofluorescence: ErbB2/Her2 [p Tyr877] Antibody [NB100-81961] - Staining of methanol-fixed MCF7 cells using NB100-81961



Immunohistochemistry-Paraffin: ErbB2/Her2 [p Tyr877] Antibody [NB100-81961] - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using NB100-81961 (left) or the same antibody preincubated with blocking peptide (right)



## Publications

Acharya KD, Nettles SA, Sellers KJ et al. The Progesterone Receptor Interactome in the Female Mouse Hypothalamus: Interactions with Synaptic Proteins Are Isoform Specific and Ligand Dependent. eNeuro 2017-09-20 [PMID: 28955722] (Mouse)



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### **Products Related to NB100-81961**

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NBL1-10314	ErbB2/Her2 Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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