

Product Datasheet

ErbB2/Her2 [p Tyr1139] Antibody (JE60-90) NBP3-32768

Unit Size: 100 ul

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

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NBP3-32768

ErbB2/Her2 [p Tyr1139] Antibody (JE60-90)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE60-90
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	138 kDa

Product Description	
Description	Novus Biologicals Rabbit ErbB2/Her2 [p Tyr1139] Antibody (JE60-90) (NBP3-32768) is a recombinant monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2064
Gene Symbol	ERBB2
Species	Human
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Tyr1139 of Human ErbB2/Her2. (Uniprot: P04626)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:1000, Immunocytochemistry/ Immunofluorescence 1:5000



Images

Western Blot: ErbB2/Her2 [p Tyr1139] Antibody (JE60-90) [NBP3-32768]
- Western blot analysis of ErbB2/Her2 on different lysates with Rabbit anti-ErbB2/Her2 antibody (NBP3-32768) at 1/1,000 dilution.

Lane 1: A431 cell lysate

Lane 2: A431 treated with 100ng/mL EGF for 10 minutes cell lysate

Lane 3: A431 treated with 100ng/mL EGF for 10 minutes cell lysate, then the membrane treated with pp for 1 hour

Lane 4: SK-Br-3 cell lysate

Lane 5: SK-Br-3 starved for 4 hours add 200ng/mL EGF for 15 minutes cell lysate

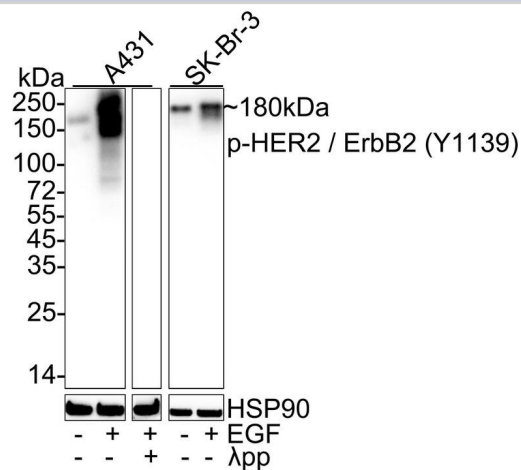
Lysates/proteins at 20 ug/Lane.

Predicted band size: 138 kDa

Observed band size: 180 kDa

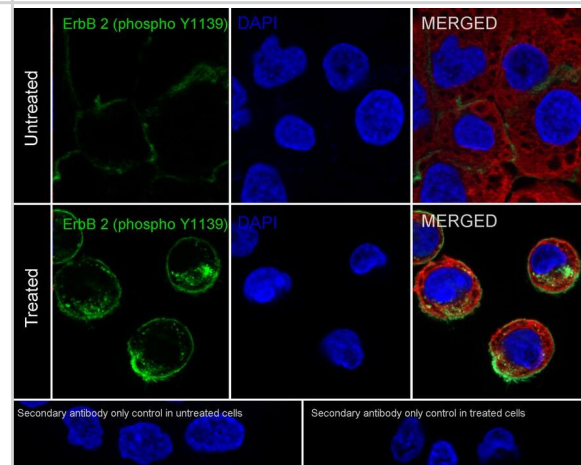
Exposure time: 10 seconds; ECL;
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32768) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



Immunocytochemistry/ Immunofluorescence: ErbB2/Her2 [p Tyr1139] Antibody (JE60-90) [NBP3-32768] - Immunocytochemistry analysis of A431 cells treated with or without 100ng/mL EGF for 10 minutes labeling ErbB2/Her2 with Rabbit anti-ErbB2/Her2 antibody (NBP3-32768) at 1/5,000 dilution.

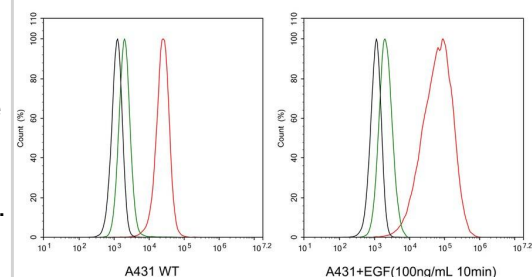
Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-ErbB2/Her2 antibody (NBP3-32768) at 1/5,000 dilution in 1% BSA in PBST overnight at 4°C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



Beta tubulin (red) was stained at 1/100 dilution overnight at +4°C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.

Flow Cytometry: ErbB2/Her2 [p Tyr1139] Antibody (JE60-90) [NBP3-32768] - Flow cytometric analysis of A431 cells treated with or without 100ng/mL EGF for 10 minutes labeling ErbB2/Her2.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32768, 1µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32768

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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