

Product Datasheet

ErbB3/Her3 [p Tyr1289] Antibody (JE51-25) NBP3-32765

Unit Size: 100 ul

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

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Updated 8/7/2025 v.20.1

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NBP3-32765

ErbB3/Her3 [p Tyr1289] Antibody (JE51-25)

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	JE51-25
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	148 kDa

Product Description	
Host	Rabbit
Gene ID	2065
Gene Symbol	ERBB3
Species	Human
Immunogen	Synthetic phosphopeptide corresponding to a region surrounding Tyrosine 1289 of Human ErbB3/Her3. (Uniprot: P21860)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: ErbB3/Her3 [p Tyr1289] Antibody (JE51-25) [NBP3-32765]
- Western blot analysis of ErbB3/Her3 on different lysates with Rabbit anti-ErbB3/Her3 antibody (NBP3-32765) at 1/1,000 dilution.

Lane 1: MCF7 cell lysate

Lane 2: MCF7 serum starved for 6 hours then add 10nM Neuregulin-1 for 10 minutes cell lysate

Lane 3: MCF7 serum starved for 6 hours then add 10nM Neuregulin-1 for 10 minutes cell lysate, then the membrane treated with pp for 1 hour

Lysates/proteins at 20 ug/Lane.

Predicted band size: 148 kDa

Observed band size: 180 kDa

Exposure time: 3 minutes; ECL;

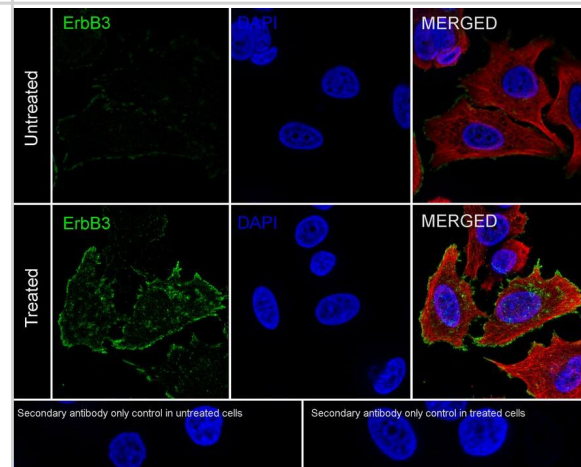
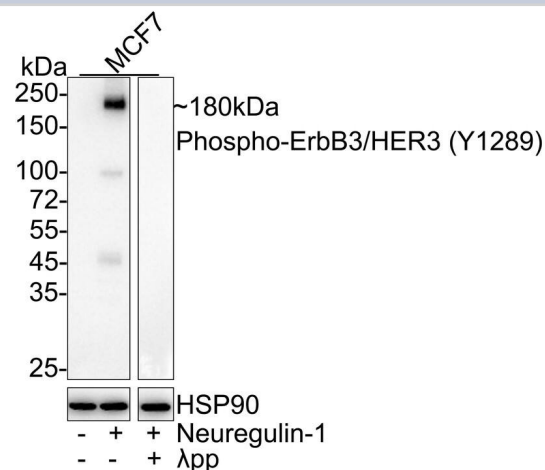
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32765) 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: ErbB3/Her3 [p Tyr1289] Antibody (JE51-25) [NBP3-32765] - Immunocytochemistry analysis of MCF7 cells serum starved for 6 hours then add 10nM Neuregulin-1 for 10 minutes labeling ErbB3/Her3 with Rabbit anti-ErbB3/Her3 antibody (NBP3-32765) at 1/100 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-ErbB3/Her3 antibody (NBP3-32765) at 1/100 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.





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Products Related to NBP3-32765

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-52128-0.05mg	Recombinant Human ErbB3/Her3 hlgG-His Protein

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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