

Product Datasheet

EGFR [p Tyr1045] Antibody (PSH03-28) NBP3-32760

Unit Size: 100 ul

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

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NBP3-32760

EGFR [p Tyr1045] Antibody (PSH03-28)

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	PSH03-28
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	134 kDa

Product Description	
Description	Novus Biologicals Rabbit EGFR [p Tyr1045] Antibody (PSH03-28) (NBP3-32760) 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	1956
Gene Symbol	EGFR
Species	Human
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Tyr1045 of EGFR. (Uniprot: P00533)

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



Images

Western Blot: EGFR [p Tyr1045] Antibody (PSH03-28) [NBP3-32760] - Western blot analysis of EGFR on different lysates with Rabbit anti-EGFR antibody (NBP3-32760) at 1/1,000 dilution.

Lane 1: A431 cell lysate

Lane 2: A431 treated with 100ng/mL EGF for 30 minutes cell lysate

Lysates/proteins at 30 ug/Lane.

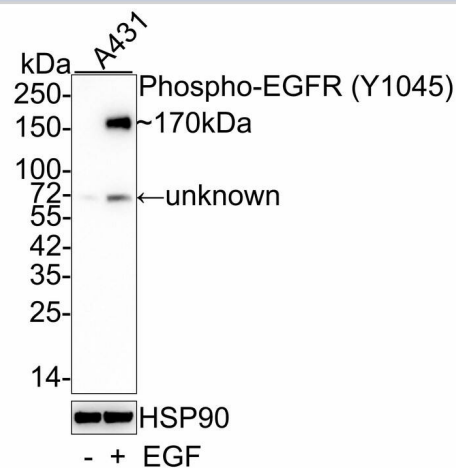
Predicted band size: 134 kDa

Observed band size: 170 kDa

Exposure time: 3 minutes 10 seconds;

4-20% SDS-PAGE gel.

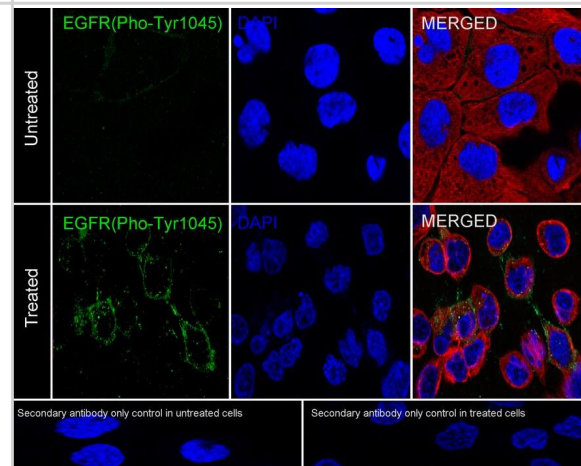
Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32760) at 1/1,000 dilution was used in 5% NFDm/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



Immunocytochemistry/ Immunofluorescence: EGFR [p Tyr1045] Antibody (PSH03-28) [NBP3-32760] - Immunocytochemistry analysis of A431 treated with or without 100ng/mL EGF for 60 minutes cells labeling EGFR with Rabbit anti-EGFR antibody (NBP3-32760) at 1/100 dilution.

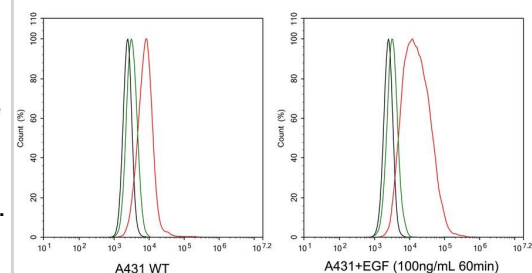
Cells were fixed in 100% precooled methanol for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-EGFR antibody (NBP3-32760) at 1/100 dilution in 1% BSA in PBST overnight at 4°C. Goat Anti-Rabbit 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.



Flow Cytometry: EGFR [p Tyr1045] Antibody (PSH03-28) [NBP3-32760] - Flow cytometric analysis of A431 treated with or without 100ng/mL EGF for 60 minutes cells labeling EGFR.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32760, 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 NBP3-32760

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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