

Product Datasheet

PI 3-Kinase p85 alpha Antibody (A3-D0-R) NBP3-32817

Unit Size: 100 ul

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

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NBP3-32817**PI 3-Kinase p85 alpha Antibody (A3-D0-R)**

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	A3-D0-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	84 kDa

Product Description	
Description	Novus Biologicals Mouse PI 3-Kinase p85 alpha Antibody (A3-D0-R) (NBP3-32817) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5295
Gene Symbol	PIK3R1
Species	Human
Immunogen	Recombinant protein within Human PI3-kinase p85 subunit alpha aa 19-219 / 724. (Uniprot: P27986)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunocytochemistry/ Immunofluorescence 1:100

Images

Immunocytochemistry/ Immunofluorescence: PI 3-Kinase p85 alpha Antibody (A3-D0-R) [NBP3-32817] - Immunocytochemistry analysis of U-937 cells labeling PI 3-Kinase p85 alpha with Mouse anti-PI 3-Kinase p85 alpha antibody (NBP3-32817) 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 Mouse anti-PI 3-Kinase p85 alpha antibody (NBP3-32817) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Mouse 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-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.

Western Blot: PI 3-Kinase p85 alpha Antibody (A3-D0-R) [NBP3-32817] - Western blot analysis of PI 3-Kinase p85 alpha on different lysates with Mouse anti-PI 3-Kinase p85 alpha antibody (NBP3-32817) at 1/5,000 dilution.

Lane 1: SW480 cell lysate

Lane 2: A431 cell lysate

Lane 3: 293T cell lysate

Lane 4: Jurkat cell lysate

Lane 5: Raji cell lysate

Lane 6: MCF7 cell lysate

Lane 7: A549 cell lysate

Lysates/proteins at 15 µg/Lane.

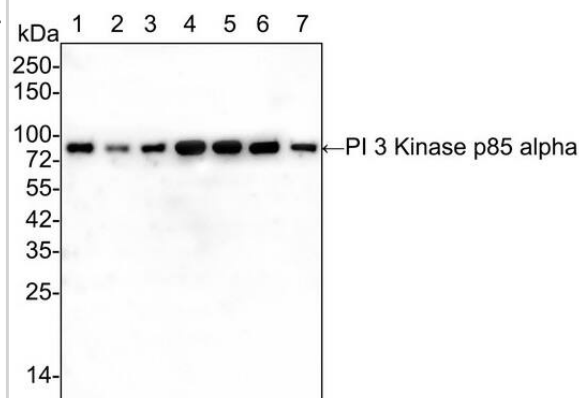
Predicted band size: 84 kDa

Observed band size: 84 kDa

Exposure time: 1 minute 40 seconds;

4-20% SDS-PAGE gel.

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





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Products Related to NBP3-32817

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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