

Product Datasheet

PI 3-Kinase p85 alpha Antibody (A3-D0) NBP2-67058

Unit Size: 100 ul

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

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NBP2-67058**PI 3-Kinase p85 alpha Antibody (A3-D0)**

Product Information	
Unit Size	100 ul
Concentration	2 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	A3-D0
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.2% BSA, 40% Glycerol
Target Molecular Weight	84 kDa

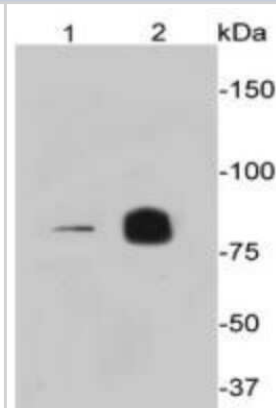
Product Description	
Description	Novus Biologicals Mouse PI 3-Kinase p85 alpha Antibody (A3-D0) (NBP2-67058) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and Simple Western. Anti-PI 3-Kinase p85 alpha Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5295
Gene Symbol	PIK3R1
Species	Human, Mouse, Rat
Reactivity Notes	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Immunogen	Recombinant protein within Human PI 3-Kinase p85 alpha aa 19-219 / 724. (SwissProt: P27986 Human)

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:2000, Simple Western, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

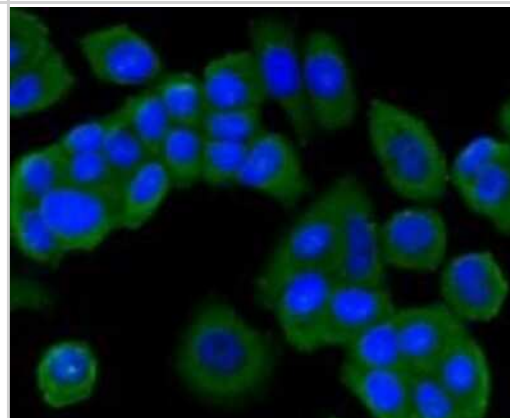


Images

Western Blot: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Analysis on different cell lysates using anti-PI3-kinase p85 subunit alpha Mouse mAb. Positive control: Lane 1: U-937 Lane 2: Raji



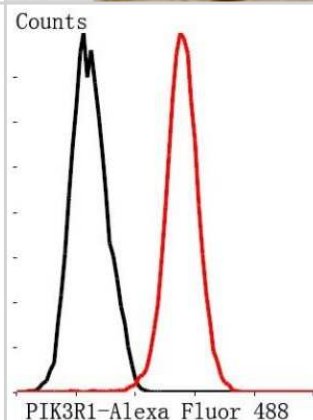
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Staining of MCF-7 cells using anti-PI3-kinase p85 subunit alpha Mouse mAb.



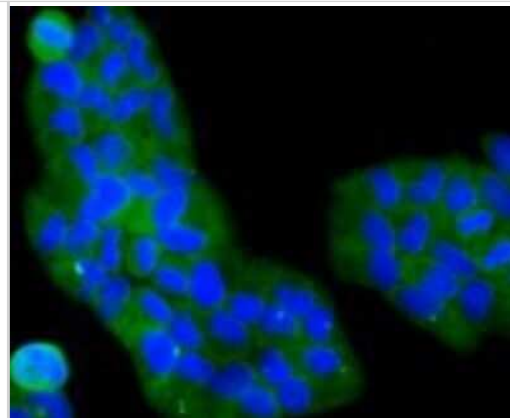
Immunohistochemistry-Paraffin: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Analysis of paraffin- embedded mouse skeletal muscle tissue using anti-PI3-kinase p85 subunit alpha Mouse mAb.



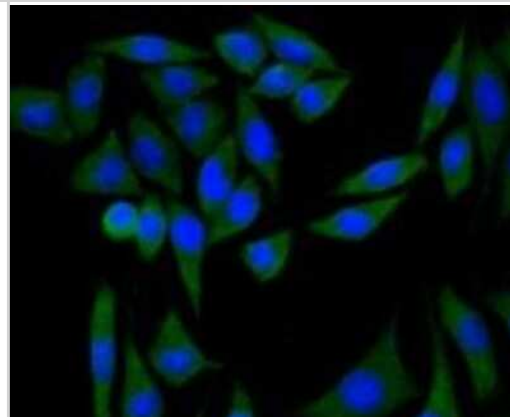
Flow Cytometry: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Analysis of MCF-7 cells with PI3-kinase p85 subunit alpha antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated Goat anti mouse IgG was used as the secondary



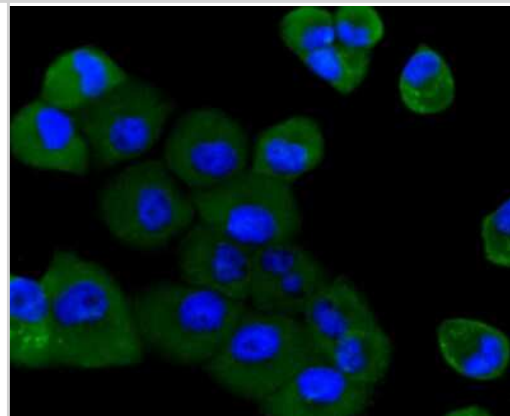
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Staining of Hela cells using anti-PI3-kinase p85 subunit alpha Mouse mAb.



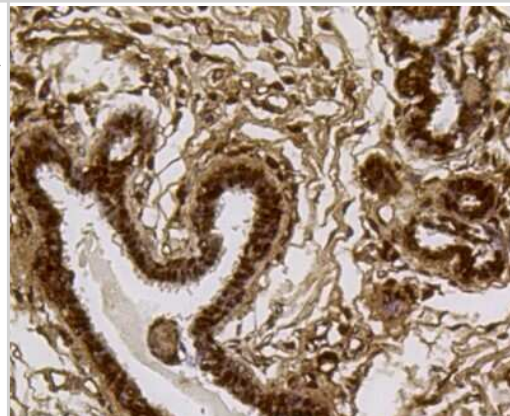
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Staining of SH-SY-5Y cells using anti-PI3-kinase p85 subunit alpha Mouse mAb.



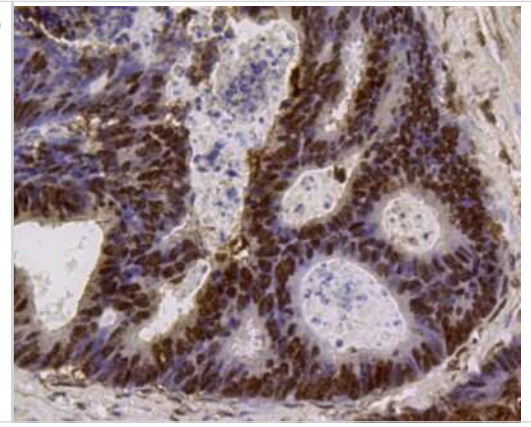
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Staining of PANC-1 cells using anti-PI3-kinase p85 subunit alpha Mouse mAb.



Immunohistochemistry-Paraffin: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-PI3-kinase p85 subunit alpha Mouse mAb.



Immunohistochemistry-Paraffin: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Analysis of paraffin- embedded human colon cancer tissue using anti-PI3-kinase p85 subunit alpha Mouse mAb.



Publications

Aamir K, Sethi G, Afrin MR et al. Arjunolic acid modulate pancreatic dysfunction by ameliorating pattern recognition receptor and canonical Wnt pathway activation in type 2 diabetic rats Life sciences 2023-08-15 [PMID: 37307966] (Simple Western, Rat)



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Products Related to NBP2-67058

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00005295-P01-10ug	Recombinant Human PI 3-Kinase p85 alpha GST (N-Term) 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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