

# 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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### Publications: 1

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

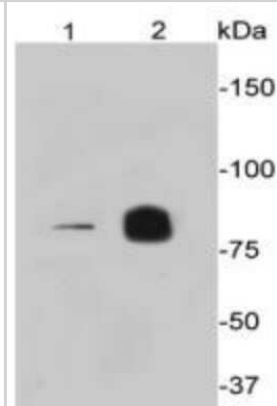
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	2 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	A3-D0
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>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

<b>Product Description</b>	
<b>Description</b>	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.
<b>Host</b>	Mouse
<b>Gene ID</b>	5295
<b>Gene Symbol</b>	PIK3R1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	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.
<b>Immunogen</b>	Recombinant protein within Human PI 3-Kinase p85 alpha aa 19-219 / 724. (SwissProt: P27986 Human)

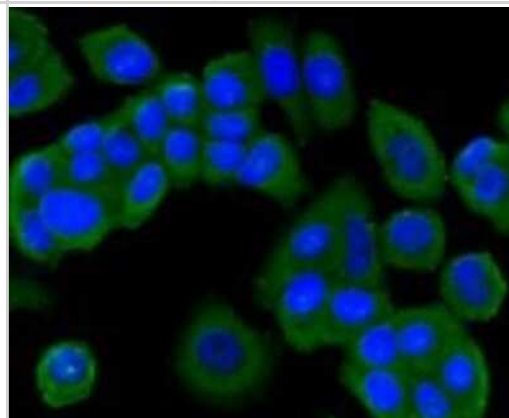
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:2000, Simple Western, Flow Cytometry 1:50-1:100, Immunohistochemistry,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



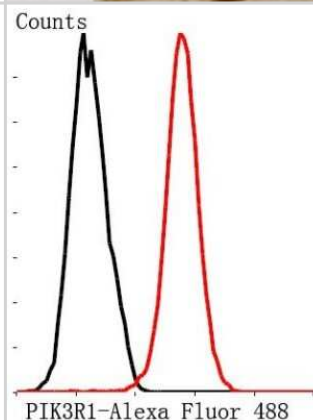
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Staining of MCF-7 cells using anti-PI3-kinase p85 subunit alpha Mouse mAb.



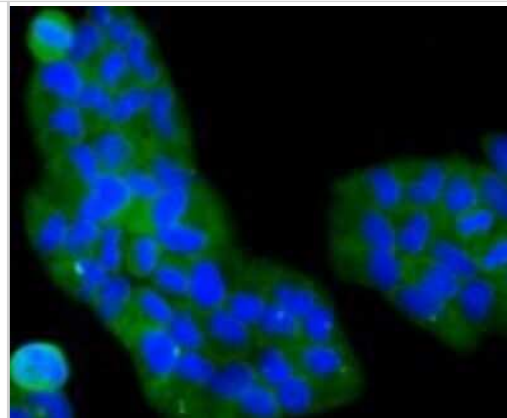
Immunohistochemistry-Paraffin: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Analysis of paraffin-embedded mouse skeletal muscle tissue using anti-PI3-kinase p85 subunit alpha Mouse mAb.



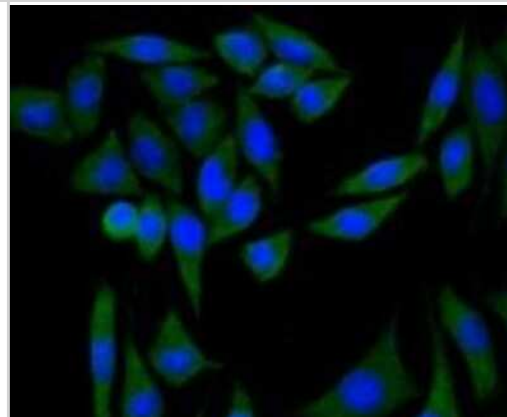
Flow Cytometry: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Analysis of MCF-7 cells with PI3-kinase p85 subunit alpha antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated Goat anti mouse IgG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



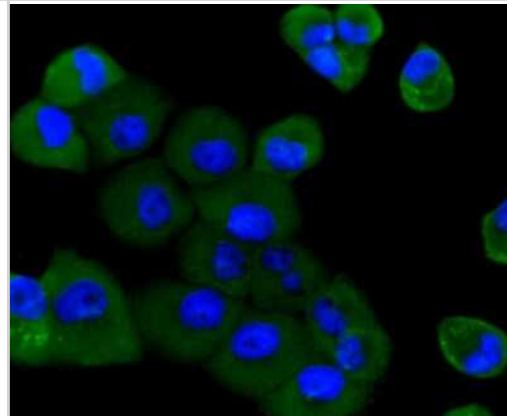
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Staining of Hela cells using anti-PI3-kinase p85 subunit alpha Mouse mAb.



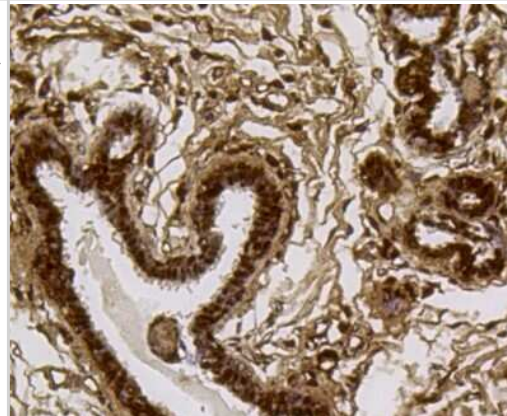
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Staining of SH-SY-5Y cells using anti-PI3-kinase p85 subunit alpha Mouse mAb.



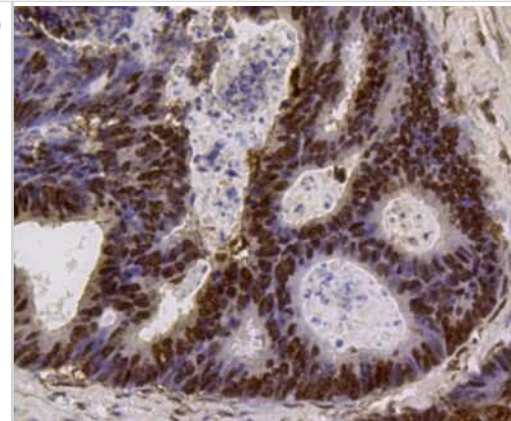
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Staining of PANC-1 cells using anti-PI3-kinase p85 subunit alpha Mouse mAb.



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**

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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)

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### **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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