

# 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)

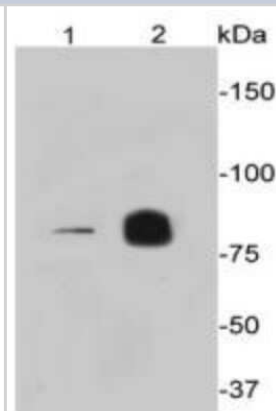
| Product Information     |  |
|-------------------------|--|
| Unit Size               | 100 ul   |
| Concentration           | 2 mg/ml  |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal   |
| 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 |  |
|---------------------|--|
| 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)  |

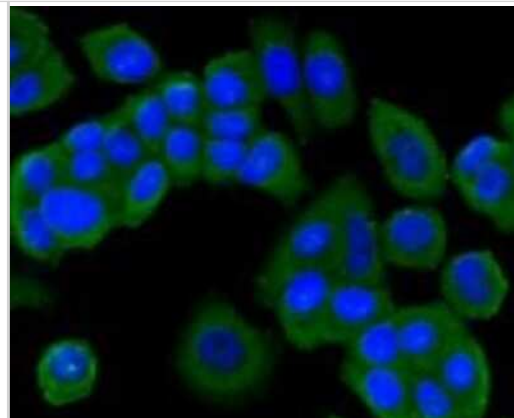
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Western Blot 1:1000-1:2000, Flow Cytometry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



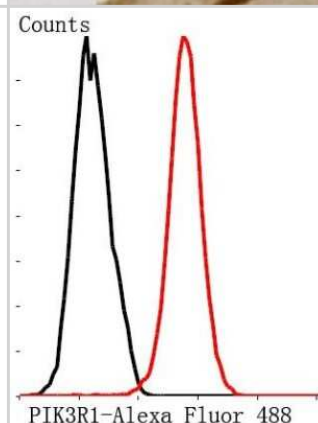
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Staining of MCF-7 cells using anti-PI3-kinase p85 subunit alpha Mouse mAb.



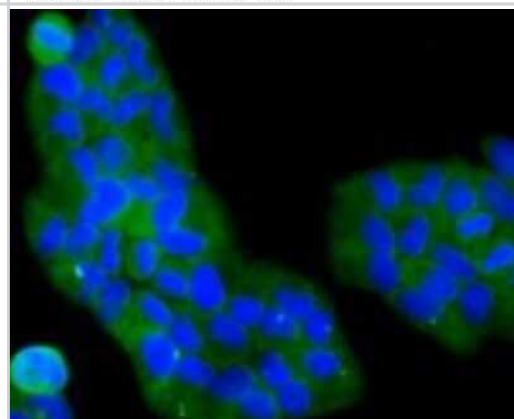
Immunohistochemistry-Paraffin: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Analysis of paraffin- embedded mouse skeletal muscle tissue using anti-PI3-kinase p85 subunit alpha Mouse mAb.



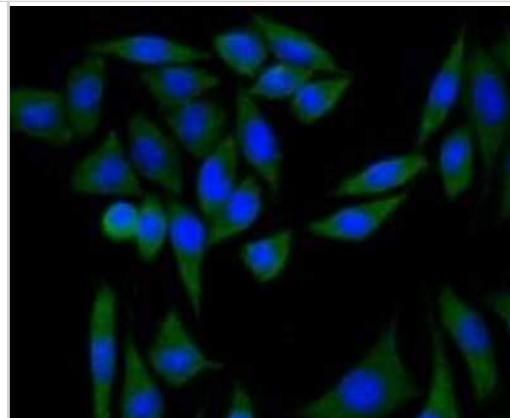
Flow Cytometry: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Analysis of MCF-7 cells with PI3-kinase p85 subunit alpha antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated Goat anti mouse IgG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



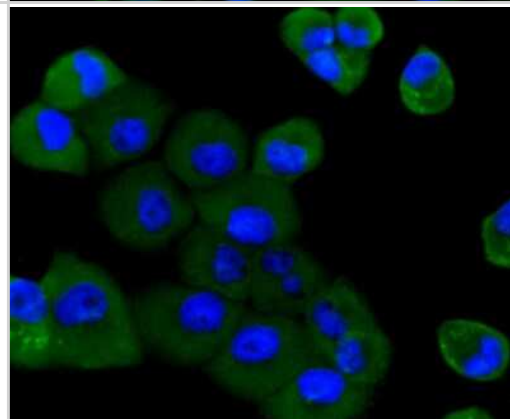
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Staining of Hela cells using anti-PI3-kinase p85 subunit alpha Mouse mAb.



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.



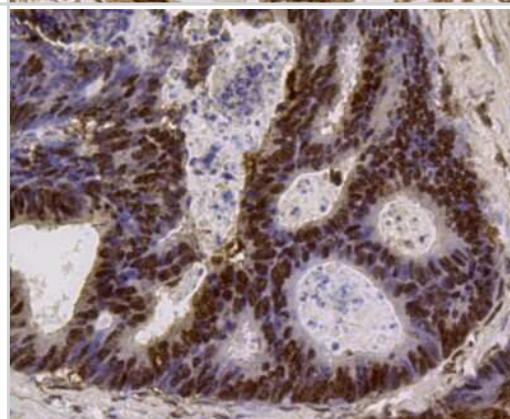
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (A3-D0) [NBP2-67058] - Staining of PANC-1 cells using anti-PI3-kinase p85 subunit alpha Mouse mAb.



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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