

Product Datasheet

PI 3-Kinase p85 alpha Antibody (SU04-07) NBP2-67488

Unit Size: 100 ul

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

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NBP2-67488

PI 3-Kinase p85 alpha Antibody (SU04-07)

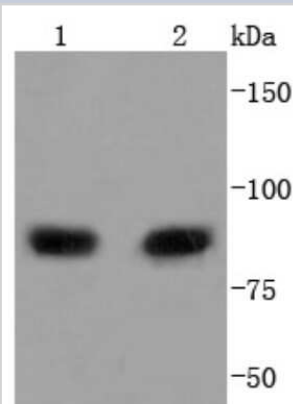
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SU04-07
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	84 kDa

Product Description	
Host	Rabbit
Gene ID	5295
Gene Symbol	PIK3R1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within C-terminal human PI 3-Kinase p85 alpha. (SwissProt: P27986 Human; SwissProt: P26450 Mouse; SwissProt: Q63787 Rat)

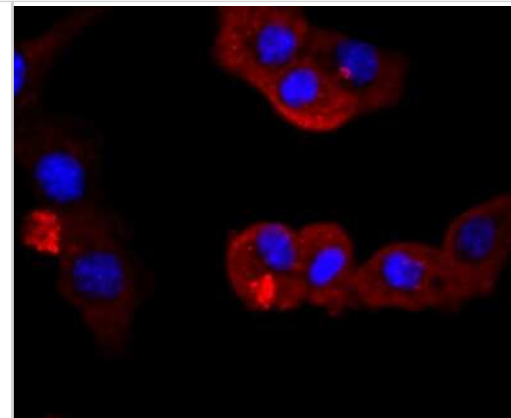
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence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

Images

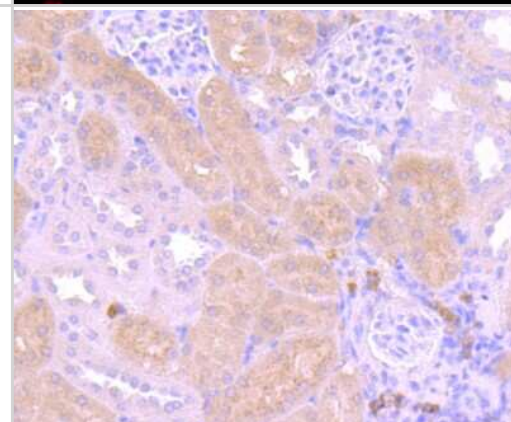
Western Blot: PI 3-Kinase p85 alpha Antibody (SU04-07) [NBP2-67488]
 - Analysis of PI 3 Kinase p85 alpha on different lysates using anti-PI 3 Kinase p85 alpha antibody at 1/1,000 dilution. Positive control: Lane 1: MCF-7 Lane 2: Raji



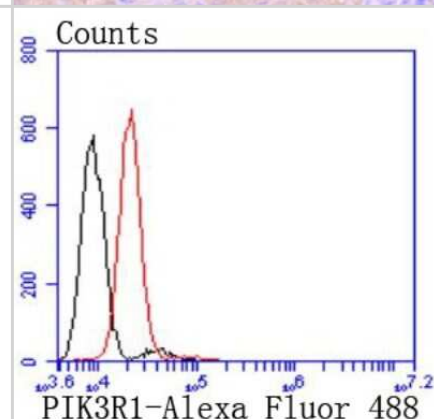
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (SU04-07) [NBP2-67488] - Staining PI 3 Kinase p85 alpha in NIH/3T3 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



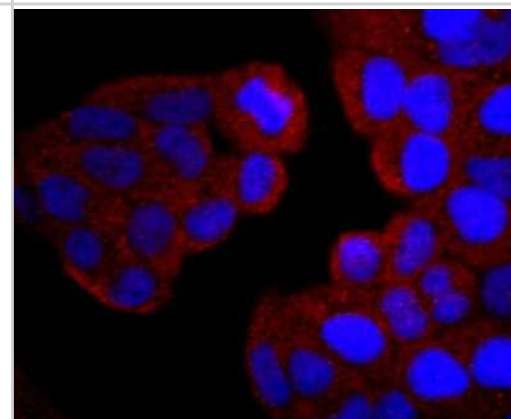
Immunohistochemistry-Paraffin: PI 3-Kinase p85 alpha Antibody (SU04-07) [NBP2-67488] - Analysis of paraffin-embedded mouse kidney tissue using anti-PI 3 Kinase p85 alpha antibody. Counter stained with hematoxylin.



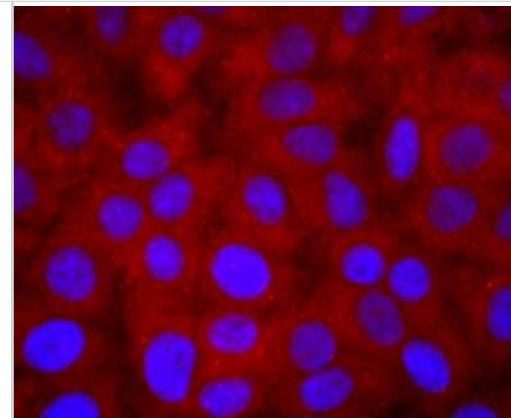
Flow Cytometry: PI 3-Kinase p85 alpha Antibody (SU04-07) [NBP2-67488] - Analysis of HepG2 cells with PI 3 Kinase p85 alpha antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



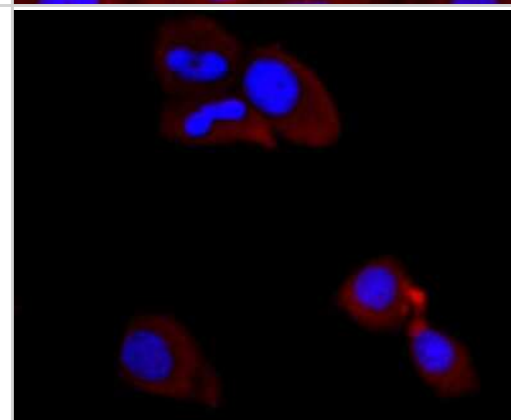
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (SU04-07) [NBP2-67488] - Staining PI 3 Kinase p85 alpha in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



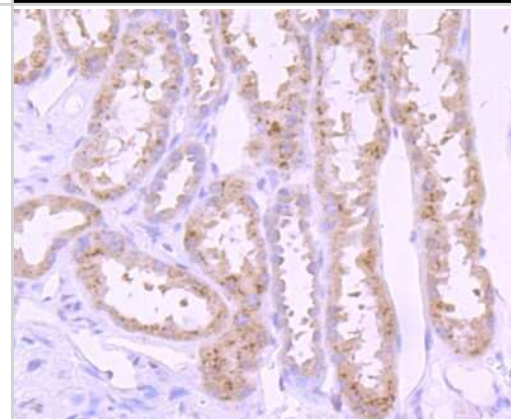
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (SU04-07) [NBP2-67488] - Staining PI 3 Kinase p85 alpha in HepG2 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



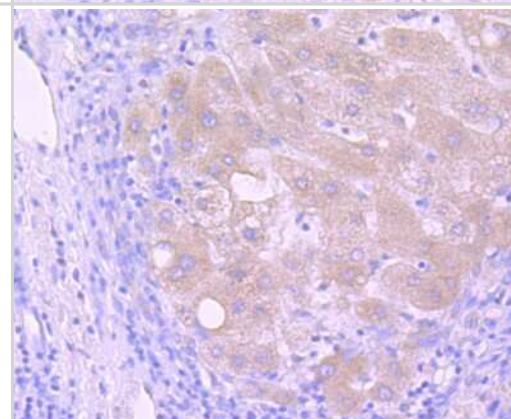
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (SU04-07) [NBP2-67488] - Staining PI 3 Kinase p85 alpha in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



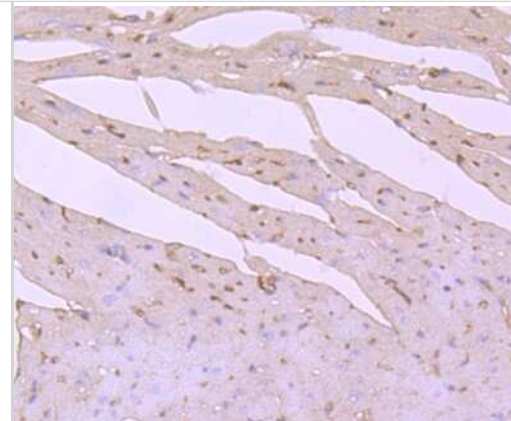
Immunohistochemistry-Paraffin: PI 3-Kinase p85 alpha Antibody (SU04-07) [NBP2-67488] - Analysis of paraffin-embedded human kidney tissue using anti-PI 3 Kinase p85 alpha antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PI 3-Kinase p85 alpha Antibody (SU04-07) [NBP2-67488] - Analysis of paraffin-embedded human liver cancer tissue using anti-PI 3 Kinase p85 alpha antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PI 3-Kinase p85 alpha Antibody (SU04-07) [NBP2-67488] - Analysis of paraffin-embedded mouse heart tissue using anti-PI 3 Kinase p85 alpha antibody. Counter stained with hematoxylin.



Publications

Liu Y, Zheng P, Jiao T et al. Paiteling induces apoptosis of cervical cancer cells by down-regulation of the E6/E7-Pi3k/Akt pathway: A network pharmacology Journal of ethnopharmacology 2022-12-17 [PMID: 36535331]



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Products Related to NBP2-67488

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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