

# Product Datasheet

## PKC alpha Antibody (SU31-08)

### NBP2-67457

Unit Size: 100 ul

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

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**NBP2-67457**

PKC alpha Antibody (SU31-08)

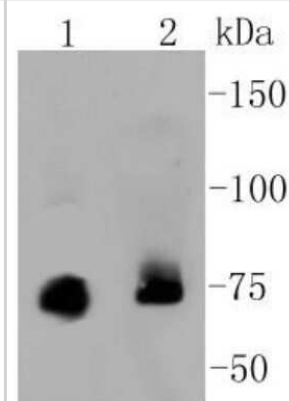
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SU31-08
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	PRKCA
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human PKC alpha aa 560-672 / 672. (SwissProt: P17252 Human; SwissProt: P20444 Mouse; SwissProt: P05696 Rat)

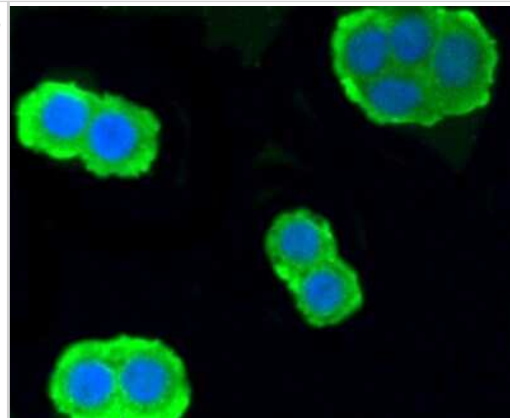
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation 1:10-1:50, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

Western Blot: PKC alpha Antibody (SU31-08) [NBP2-67457] - Analysis of PKC alpha on different lysates using anti-PKC alpha antibody at 1/1,000 dilution. Positive control: Lane 1: K562 Lane 2: 293



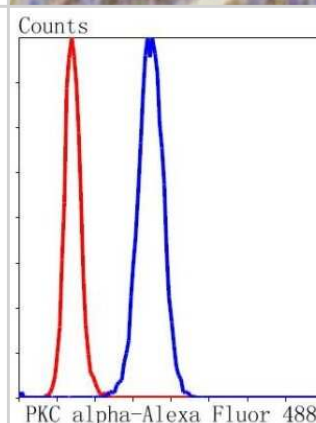
Immunocytochemistry/Immunofluorescence: PKC alpha Antibody (SU31-08) [NBP2-67457] - Staining PKC alpha in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



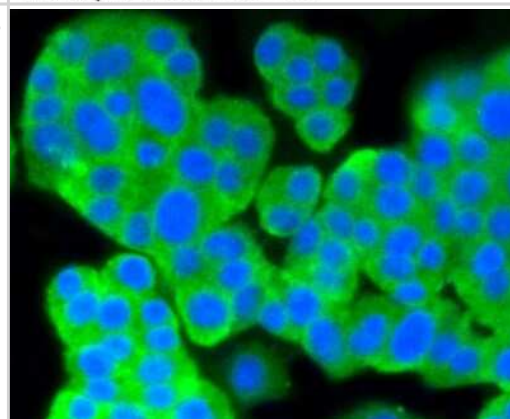
Immunohistochemistry-Paraffin: PKC alpha Antibody (SU31-08) [NBP2-67457] - Analysis of paraffin-embedded mouse small intestine tissue using anti-PKC alpha antibody. Counter stained with hematoxylin.



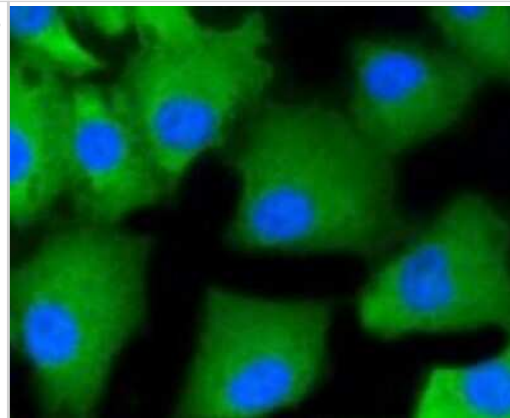
Flow Cytometry: PKC alpha Antibody (SU31-08) [NBP2-67457] - Flow cytometric analysis of Hela cells with PKC alpha antibody at 1/50 dilution (blue) compared with an unlabeled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



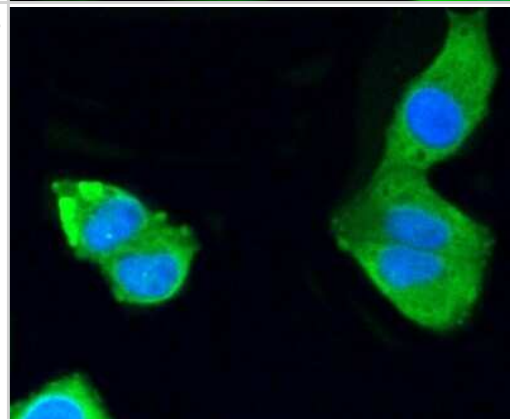
Immunocytochemistry/Immunofluorescence: PKC alpha Antibody (SU31-08) [NBP2-67457] - Staining PKC alpha in PC12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



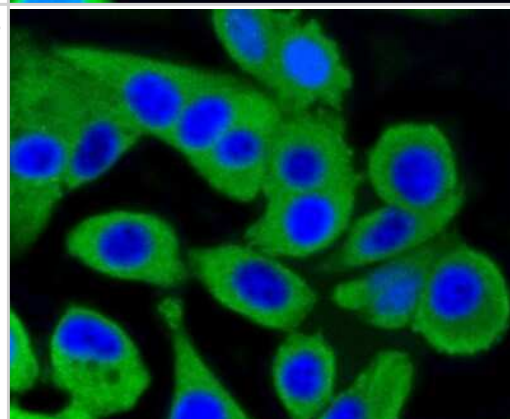
Immunocytochemistry/Immunofluorescence: PKC alpha Antibody (SU31-08) [NBP2-67457] - Staining PKC alpha in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



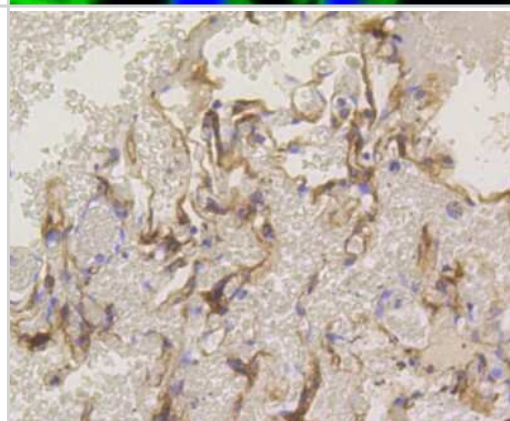
Immunocytochemistry/Immunofluorescence: PKC alpha Antibody (SU31-08) [NBP2-67457] - Staining PKC alpha in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



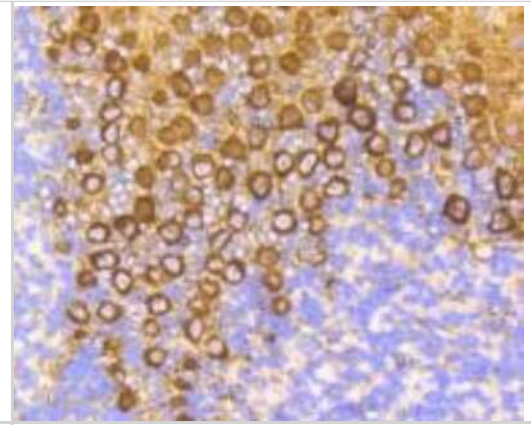
Immunocytochemistry/Immunofluorescence: PKC alpha Antibody (SU31-08) [NBP2-67457] - Staining PKC alpha in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



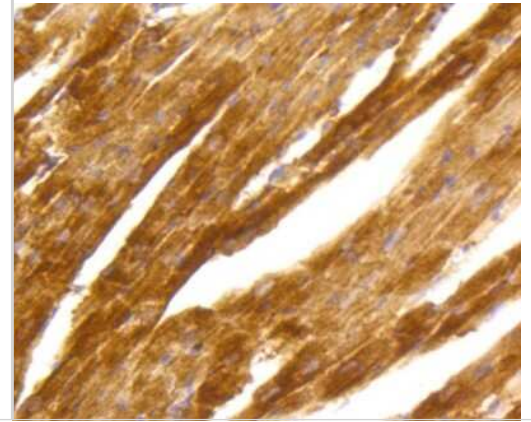
Immunohistochemistry-Paraffin: PKC alpha Antibody (SU31-08) [NBP2-67457] - Analysis of paraffin-embedded human lung tissue using anti-PKC alpha antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PKC alpha Antibody (SU31-08) [NBP2-67457] - Analysis of paraffin-embedded mouse brain tissue using anti-PKC alpha antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PKC alpha Antibody (SU31-08) [NBP2-67457] - Analysis of paraffin-embedded mouse heart tissue using anti-PKC alpha antibody. Counter stained with hematoxylin.





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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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