

# Product Datasheet

## PKC alpha Antibody (MC5) - Azide and BSA Free NBP2-80911

Unit Size: 0.1 ml

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

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**NBP2-80911**

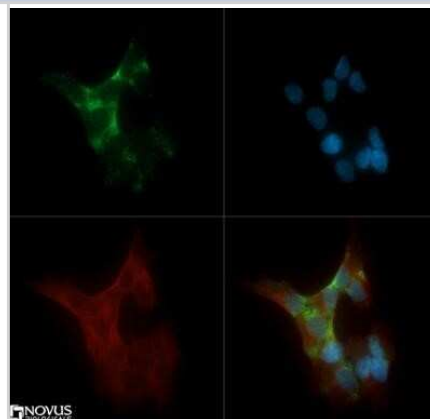
PKC alpha Antibody (MC5) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MC5
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein A purified
Buffer	Tris-Glycine, 0.15 M NaCl
Product Description	
Host	Mouse
Gene ID	5578
Gene Symbol	PRKCA
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Fish, Baboon, Monkey, Rabbit, Sheep, Zebrafish
Reactivity Notes	Chicken reactivity reported in scientific literature (PMID: 26719241).
Immunogen	Purified bovine brain Protein Kinase C
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Radioimmunoassay
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:200-1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation 1:10-1:100, Immunohistochemistry-Paraffin 1:200-1:500, Immunohistochemistry-Frozen 1:200-1:500, Radioimmunoassay
Application Notes	This PKC alpha Antibody (MC5) is useful for Western blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry on frozen and paraffin-embedded sections, Immunoprecipitation and Radioimmunoassay. In WB a band can be seen at ~75 kDa representing PKC alpha.

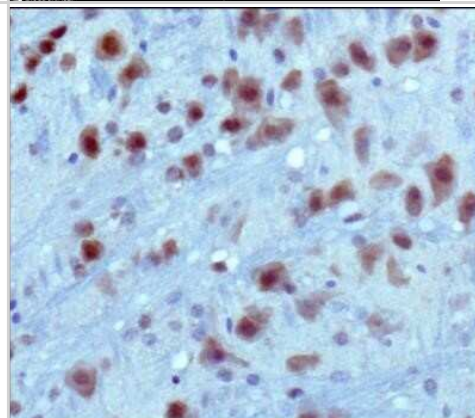


## Images

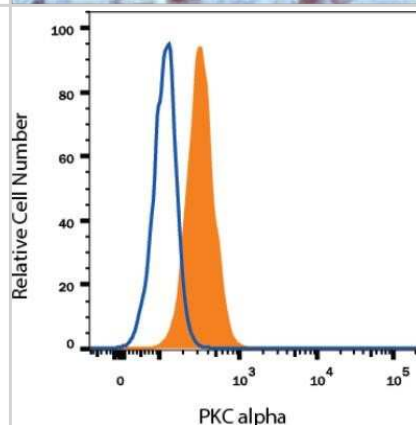
**Immunocytochemistry/Immunofluorescence:** PKC alpha Antibody (MC5) - Azide and BSA Free [NBP2-80911] - PKC alpha (MC5) antibody was tested in SH-SY5Y cells with Dylight 488 (green). Nuclei and beta-tubulin were counterstained with DAPI (blue) and Dylight 550 (red). Image from the standard format of this antibody.



**Immunohistochemistry:** PKC alpha Antibody (MC5) - Azide and BSA Free [NBP2-80911] - IHC staining of PKC alpha in mouse brain using DAB with hematoxylin counterstain. Image from the standard format of this antibody.



**Flow Cytometry:** PKC alpha Antibody (MC5) - Azide and BSA Free [NBP2-80911] - Detection of PKC alpha in Human HeLa Cell Line by Flow Cytometry. Human HeLa cell line was stained with Mouse Anti-PKC alpha Monoclonal Antibody (Catalog # NB600-201, filled histogram), or Mouse IgG2A isotype control (Catalog # MAB003, open histogram) followed by APC-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # F0101B). To facilitate intracellular staining, cells were fixed with Flow Cytometry Fixation Buffer (Catalog # FC004) and permeabilized with Flow Cytometry Permeabilization/Wash Buffer I (Catalog # FC005). Images may not be copied, printed or otherwise disseminated without express written permission of Novus Biologicals a Bio-Techne brand. Image from the standard format of this antibody.





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### **Products Related to NBP2-80911**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-87268PEP	PKC alpha Recombinant Protein Antigen

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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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