

Product Datasheet

PKA R2 Antibody (OTI1F8)

NBP2-02520

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-02520

PKA R2 Antibody (OTI1F8)

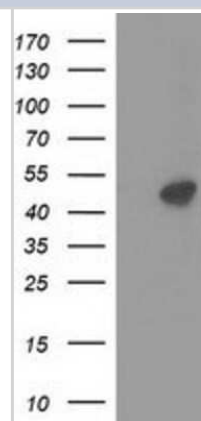
Product Information	
Unit Size	0.1 ml
Concentration	0.74 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1F8
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	45.3 kDa

Product Description	
Host	Mouse
Gene ID	5576
Gene Symbol	PRKAR2A
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-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 questions.
Immunogen	Full length human recombinant protein of human PRKAR2A (NP_004148) produced in HEK293T cell.

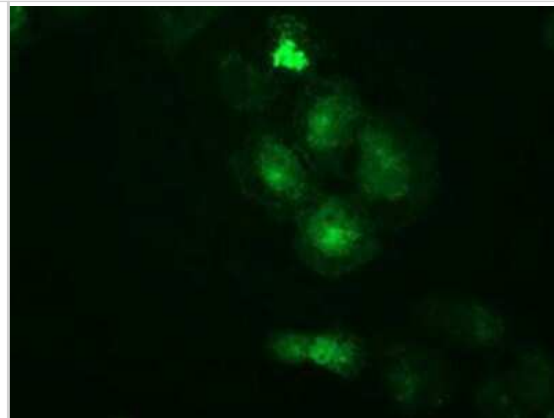
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

Images

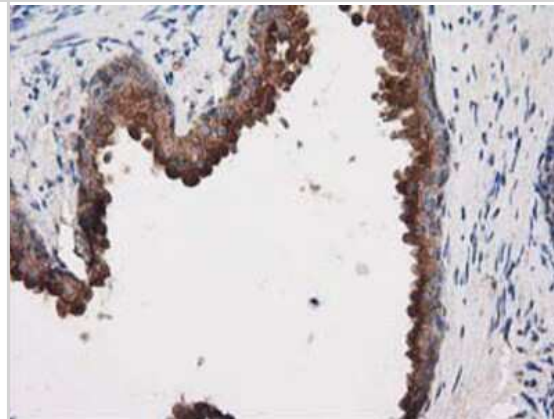
Western Blot: PKA R2 Antibody (1F8) [NBP2-02520] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PKA R2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PKA R2.



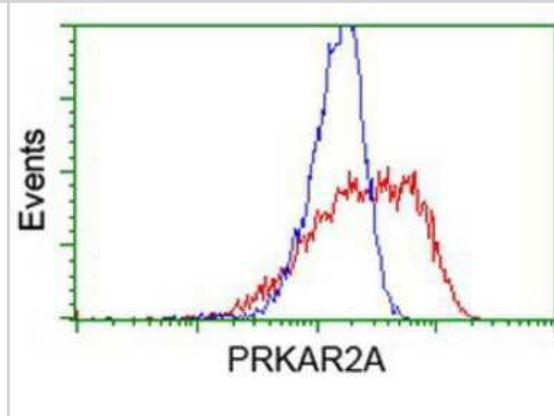
Immunocytochemistry/Immunofluorescence: PKA R2 Antibody (1F8) [NBP2-02520] Staining of COS7 cells transiently transfected by pCMV6-ENTRY PKA R2.



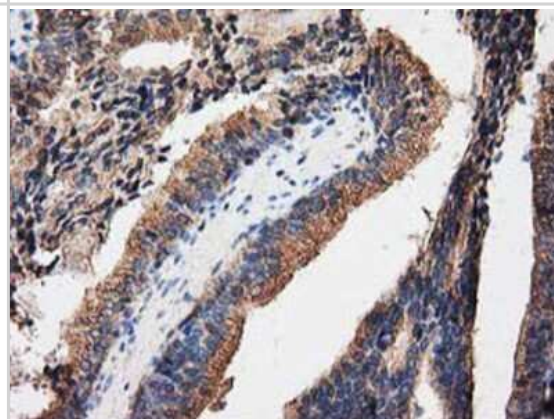
Immunohistochemistry-Paraffin: PKA R2 Antibody (1F8) [NBP2-02520] - Staining of paraffin-embedded Human prostate tissue using anti-PKA R2 mouse monoclonal antibody.



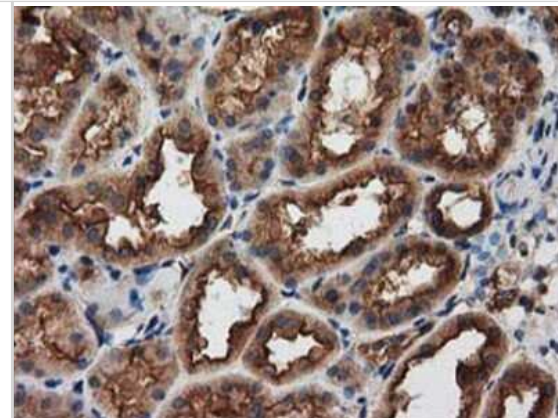
Flow Cytometry: PKA R2 Antibody (1F8) [NBP2-02520] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PKA R2 antibody, and then analyzed by flow cytometry.



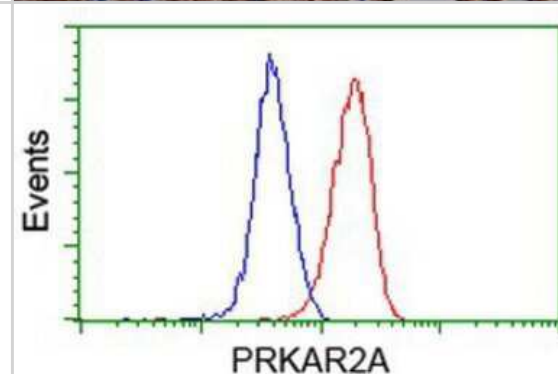
Immunohistochemistry-Paraffin: PKA R2 Antibody (1F8) [NBP2-02520] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-PKA R2 mouse monoclonal antibody.



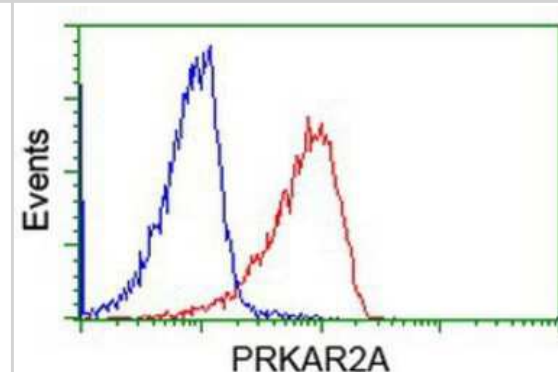
Immunohistochemistry-Paraffin: PKA R2 Antibody (1F8) [NBP2-02520] - Staining of paraffin-embedded Human Kidney tissue using anti-PKA R2 mouse monoclonal antibody.



Flow Cytometry: PKA R2 Antibody (1F8) [NBP2-02520] - Analysis of Hela cells, using anti-PKA R2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: PKA R2 Antibody (1F8) [NBP2-02520] - Analysis of Jurkat cells, using anti-PKA R2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01



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Products Related to NBP2-02520

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)
NBP2-52053-0.1mg	Recombinant Human PKA R2 His 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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