

# Product Datasheet

## PKA RI beta Antibody (OTI2A3) NBP2-00634

Unit Size: 0.1 ml

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

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**NBP2-00634**

PKA RI beta Antibody (OTI2A3)

Product Information	
Unit Size	0.1 ml
Concentration	0.57 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2A3
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	42.9 kDa

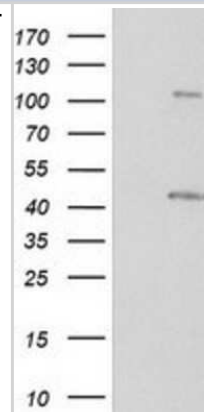
Product Description	
Description	Novus Biologicals Mouse PKA RI beta Antibody (OTI2A3) (NBP2-00634) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5575
Gene Symbol	PRKAR1B
Species	Human, Mouse, 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 PRKAR1B (NP_002726) produced in HEK293T cell.

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

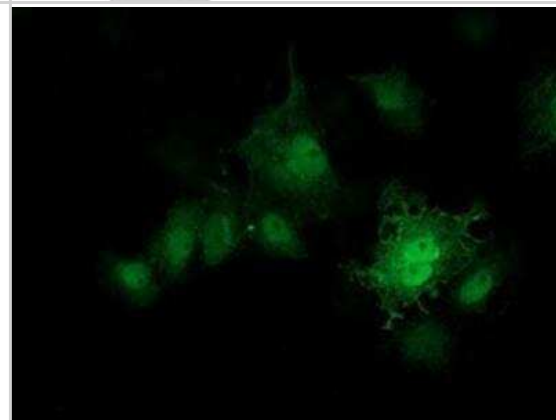


## Images

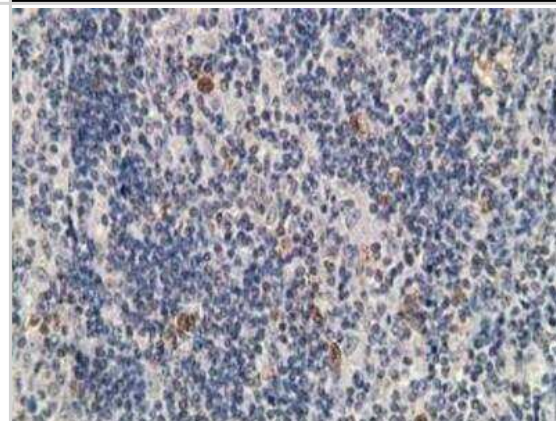
Western Blot: PKA RI beta Antibody (OT12A3) [NBP2-00634] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PKA regulatory subunit I beta (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PKA regulatory subunit I beta.



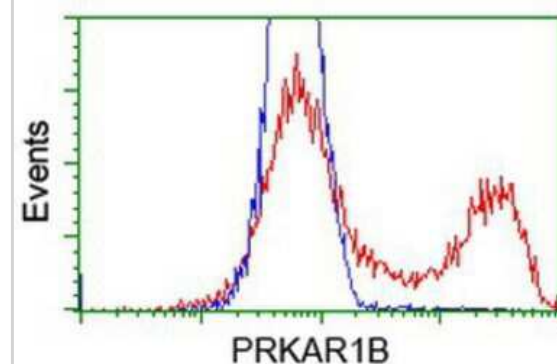
Immunocytochemistry/Immunofluorescence: PKA RI beta Antibody (OT12A3) [NBP2-00634] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PKA regulatory subunit I beta.



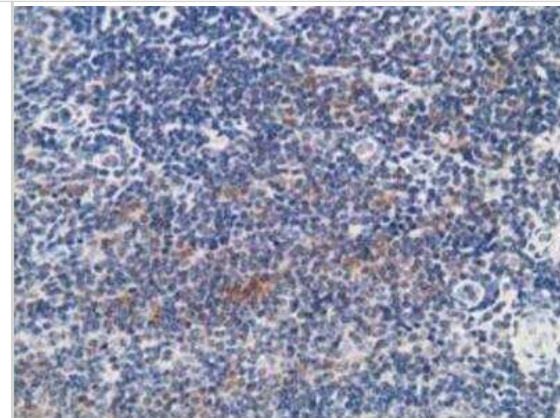
Immunohistochemistry-Paraffin: PKA RI beta Antibody (OT12A3) [NBP2-00634] - Staining of paraffin-embedded Human lymphoma tissue using anti-PKA regulatory subunit I beta mouse monoclonal antibody.



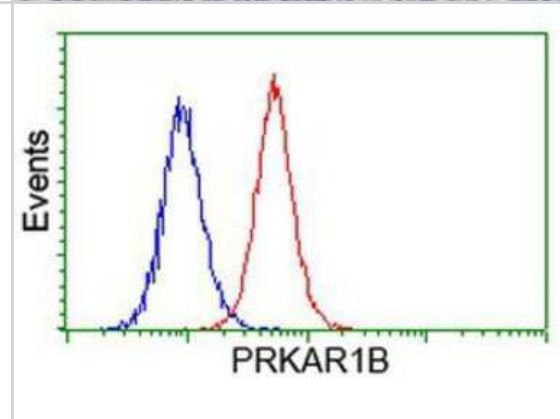
Flow Cytometry: PKA RI beta Antibody (OT12A3) [NBP2-00634] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PKA regulatory subunit I beta antibody, and then analyzed by flow cytometry.



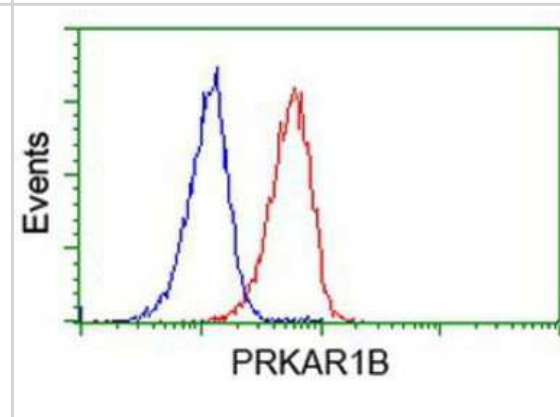
Immunohistochemistry-Paraffin: PKA RI beta Antibody (OTI2A3) [NBP2-00634] - Staining of paraffin-embedded Human lymph node tissue using anti-PKA regulatory subunit I beta mouse monoclonal antibody.



Flow Cytometry: PKA RI beta Antibody (OTI2A3) [NBP2-00634] - Analysis of HeLa cells, using anti-PKA regulatory subunit I beta antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: PKA RI beta Antibody (OTI2A3) [NBP2-00634] - Analysis of Jurkat cells, using anti-PKA regulatory subunit I beta antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-00634**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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