

# Product Datasheet

## PKA regulatory subunit I beta Antibody (OTI2A3) NBP2-00634

Unit Size: 0.1 ml

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

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**NBP2-00634**

PKA regulatory subunit I beta Antibody (OTI2A3)

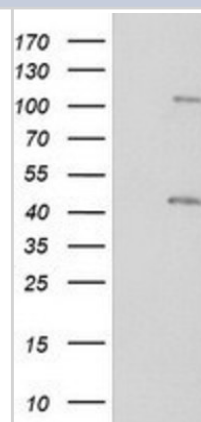
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2A3
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	42.9 kDa

Product Description	
Host	Mouse
Gene ID	5575
Gene Symbol	PRKAR1B
Species	Human, Monkey
Reactivity Notes	Human
Immunogen	Full length recombinant protein of human PKA regulatory subunit I beta (NP_002726) produced in HEK293T cells.

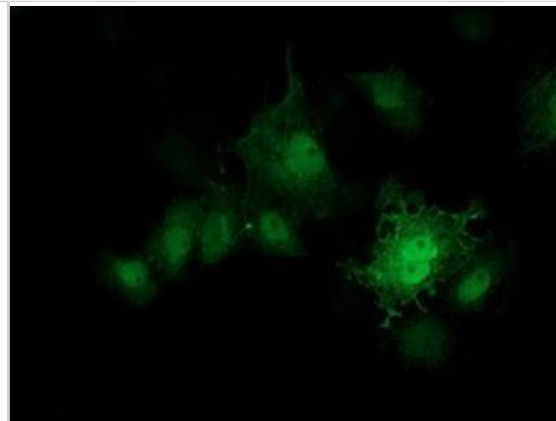
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

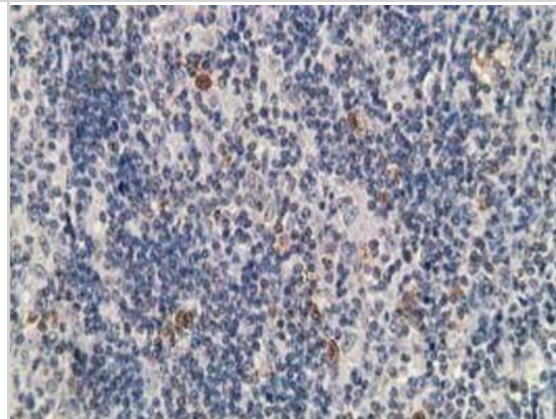
Western Blot: PKA regulatory subunit I beta Antibody (2A3) [NBP2-00634] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PKA regulatory subunit I beta (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PKA regulatory subunit I beta.



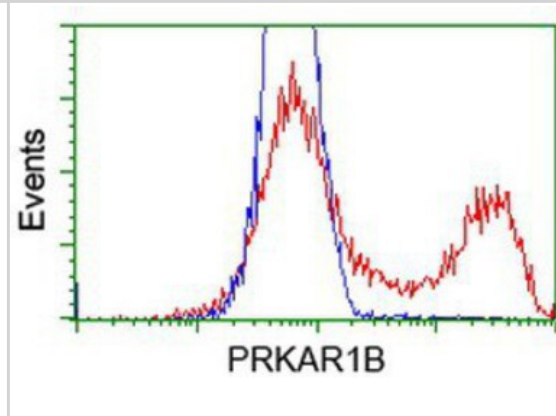
Immunocytochemistry/Immunofluorescence: PKA regulatory subunit I beta Antibody (2A3) [NBP2-00634] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PKA regulatory subunit I beta.



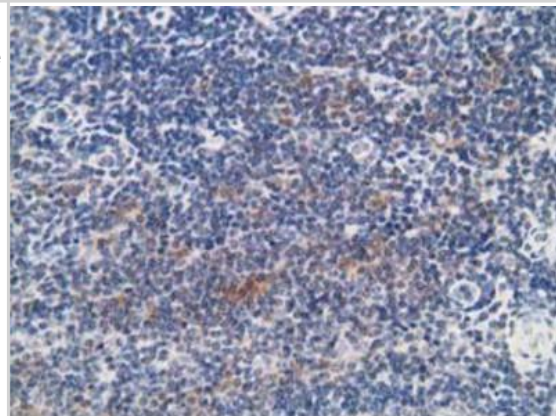
Immunohistochemistry-Paraffin: PKA regulatory subunit I beta Antibody (2A3) [NBP2-00634] - Staining of paraffin-embedded Human Lymphoma tissue using anti-PKA regulatory subunit I beta mouse monoclonal antibody.



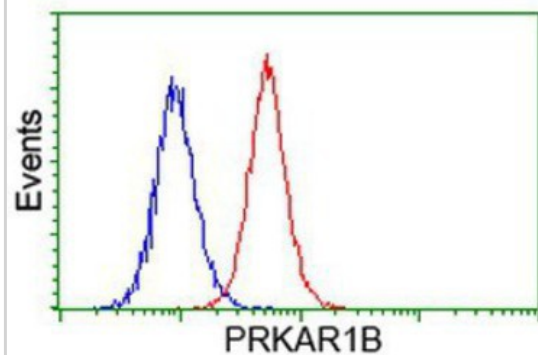
Flow Cytometry: PKA regulatory subunit I beta Antibody (2A3) [NBP2-00634] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PKA regulatory subunit I beta antibody, and then analyzed by flow cytometry.



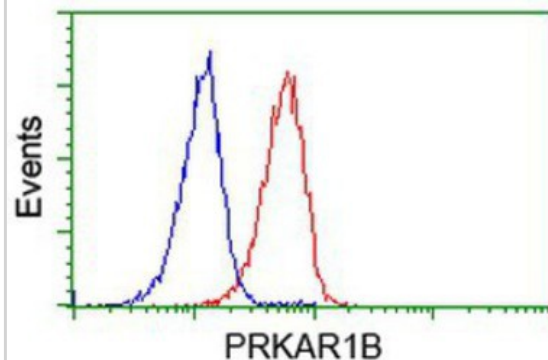
Immunohistochemistry-Paraffin: PKA regulatory subunit I beta Antibody (2A3) [NBP2-00634] - Staining of paraffin-embedded Human lymph node tissue using anti-PKA regulatory subunit I beta mouse monoclonal antibody.



Flow Cytometry: PKA regulatory subunit I beta Antibody (2A3) [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 regulatory subunit I beta Antibody (2A3) [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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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] (Pre-adsorbed)
NBP1-97005	Mouse IgG1 Isotype Control (MG1)
H00005575-P01-10ug	Recombinant Human PKA regulatory subunit I beta Protein

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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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