

# Product Datasheet

## PDE1B Antibody (OT16E4)

### NBP2-01063

Unit Size: 0.1 ml

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

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Updated 9/9/2025 v.20.1

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**NBP2-01063**

PDE1B Antibody (OTI6E4)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI6E4
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	61.2 kDa

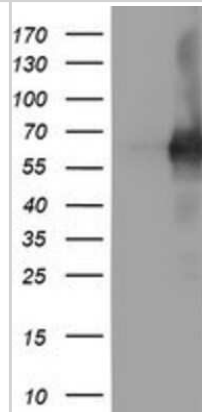
Product Description	
Description	Novus Biologicals Mouse PDE1B Antibody (OTI6E4) (NBP2-01063) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5153
Gene Symbol	PDE1B
Species	Human, Mouse, Rat
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 PDE1B(NP_000915) 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

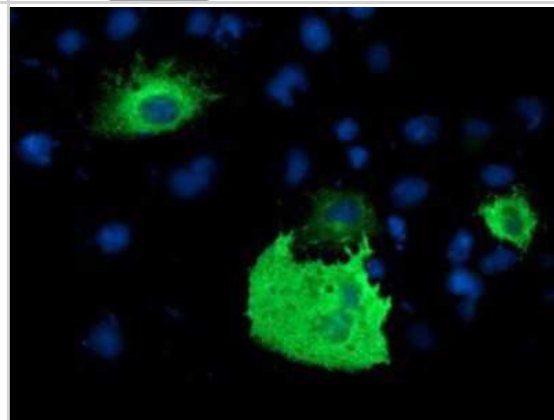


## Images

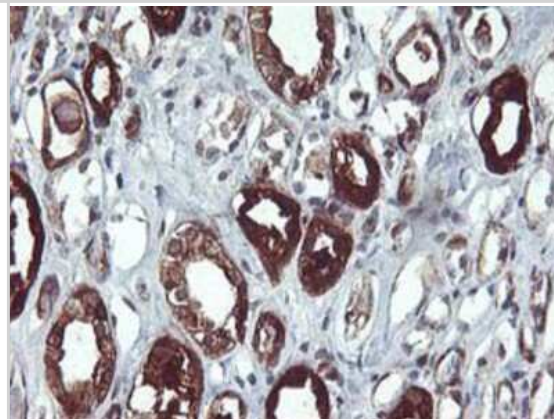
Western Blot: PDE1B Antibody (6E4) [NBP2-01063] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PDE1B (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PDE1B.



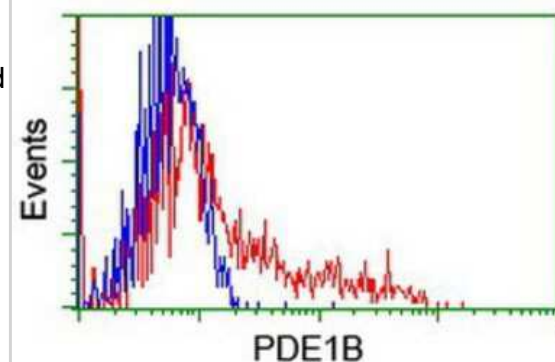
Immunocytochemistry/Immunofluorescence: PDE1B Antibody (6E4) [NBP2-01063] Staining of COS7 cells transiently transfected by pCMV6-ENTRY PDE1B.



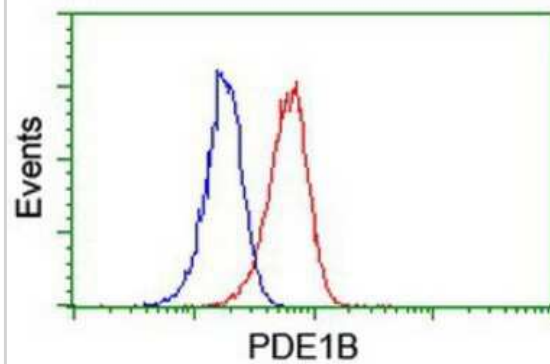
Immunohistochemistry-Paraffin: PDE1B Antibody (6E4) [NBP2-01063] - Staining of paraffin-embedded Human Kidney tissue using anti-PDE1B mouse monoclonal antibody.



Flow Cytometry: PDE1B Antibody (6E4) [NBP2-01063] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PDE1B antibody, and then analyzed by flow cytometry.



Flow Cytometry: PDE1B Antibody (6E4) [NBP2-01063] - Analysis of Jurkat cells, using anti-PDE1B antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-01063**

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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]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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