

# Product Datasheet

## PDE2A Antibody (OTI3A4)

### NBP2-03598

Unit Size: 0.1 ml

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

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**NBP2-03598**

PDE2A Antibody (OTI3A4)

Product Information	
Unit Size	0.1 ml
Concentration	0.94 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3A4
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	105.5 kDa

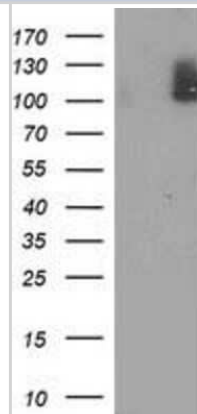
Product Description	
Description	Novus Biologicals Mouse PDE2A Antibody (OTI3A4) (NBP2-03598) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5138
Gene Symbol	PDE2A
Species	Human, Mouse, Rat
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 PDE2A (NP_002590) 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

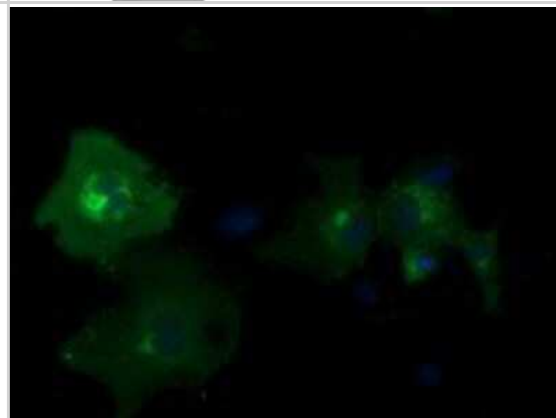


## Images

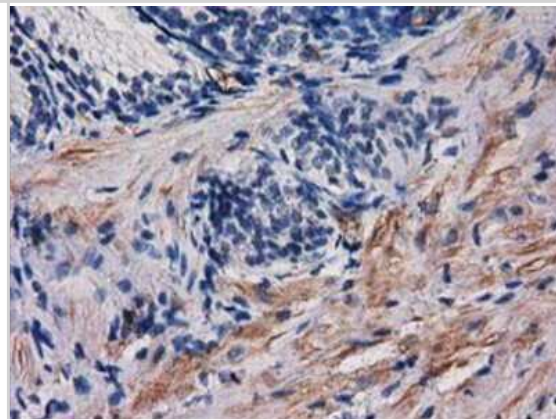
Western Blot: PDE2A Antibody (3A4) [NBP2-03598] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PDE2A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PDE2A.



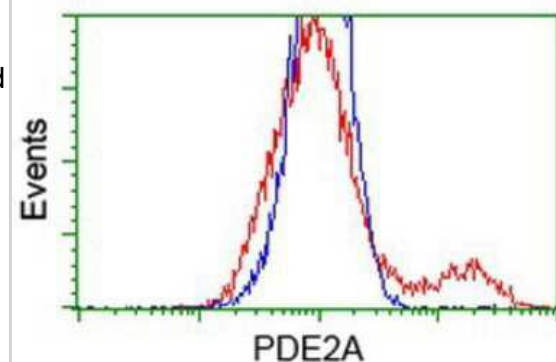
Immunocytochemistry/Immunofluorescence: PDE2A Antibody (3A4) [NBP2-03598] Staining of COS7 cells transiently transfected by pCMV6-ENTRY PDE2A.



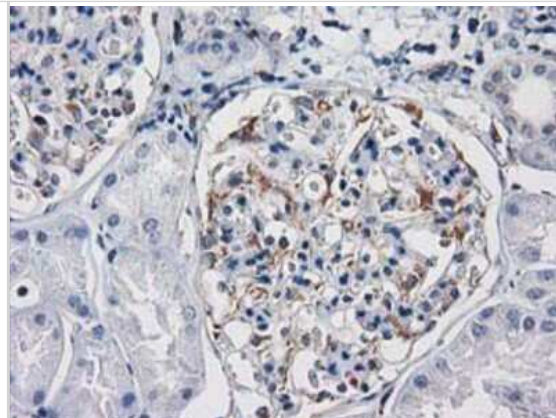
Immunohistochemistry-Paraffin: PDE2A Antibody (3A4) [NBP2-03598] - Staining of paraffin-embedded Human prostate tissue using anti-PDE2A mouse monoclonal antibody.



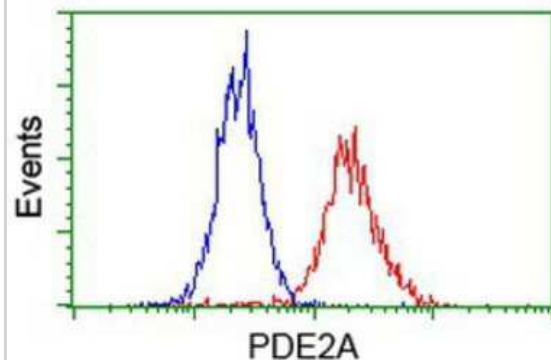
Flow Cytometry: PDE2A Antibody (3A4) [NBP2-03598] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PDE2A antibody, and then analyzed by flow cytometry.



Immunohistochemistry-Paraffin: PDE2A Antibody (3A4) [NBP2-03598] - Staining of paraffin-embedded Human Kidney tissue using anti-PDE2A mouse monoclonal antibody.



Flow Cytometry: PDE2A Antibody (3A4) [NBP2-03598] - Analysis of HeLa cells, using anti-PDE2A antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-03598**

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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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