

# Product Datasheet

## Phosphodiesterase 4A/PDE4A Antibody (OTI8B7) NBP2-02573

Unit Size: 0.1 ml

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

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**NBP2-02573****Phosphodiesterase 4A/PDE4A Antibody (OTI8B7)**

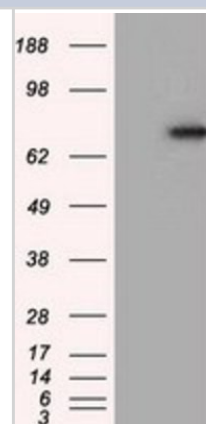
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI8B7
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	72 kDa

<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	5141
<b>Gene Symbol</b>	PDE4A
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human
<b>Immunogen</b>	Full length human recombinant protein of human PDE4A (NP_006193) produced in HEK293T cell.

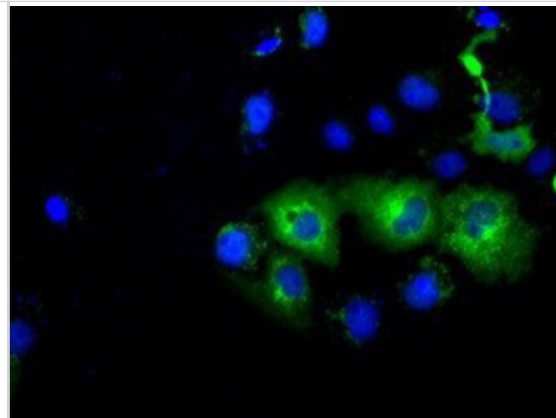
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

**Images**

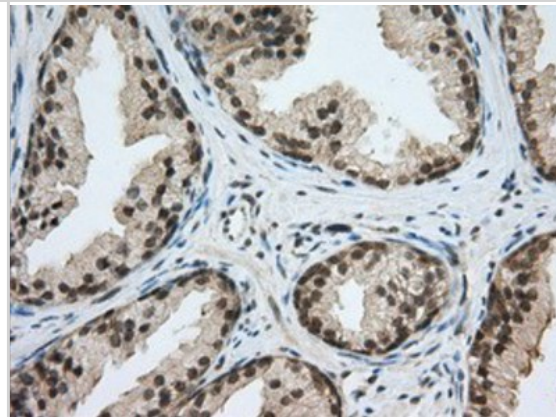
Western Blot: PDE4A Antibody (8B7) [NBP2-02573] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PDE4A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PDE4A.



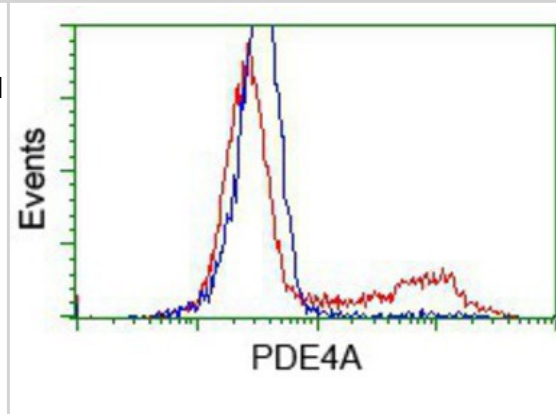
Immunocytochemistry/Immunofluorescence: PDE4A Antibody (8B7) [NBP2-02573] Staining of COS7 cells transiently transfected by pCMV6-ENTRY PDE4A.



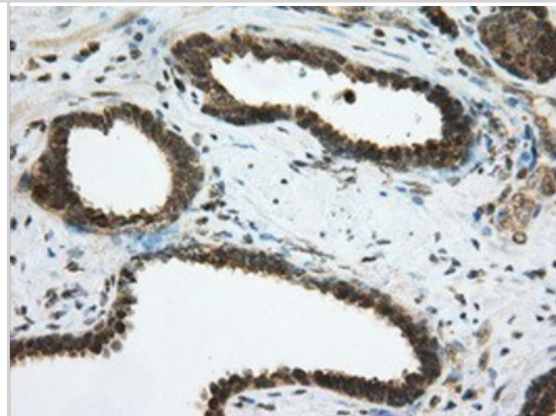
Immunohistochemistry-Paraffin: PDE4A Antibody (8B7) [NBP2-02573] - Staining of paraffin-embedded Human prostate tissue using anti-PDE4A mouse monoclonal antibody.



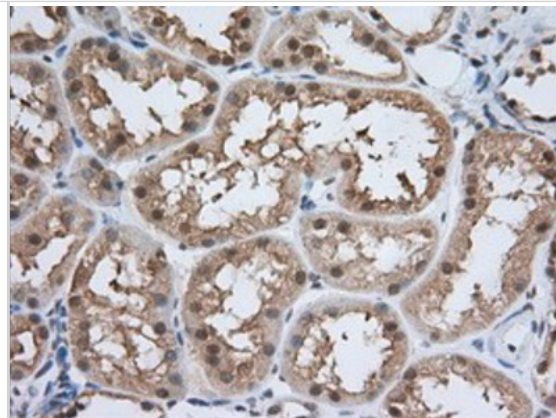
Flow Cytometry: PDE4A Antibody (8B7) [NBP2-02573] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PDE4A antibody, and then analyzed by flow cytometry.



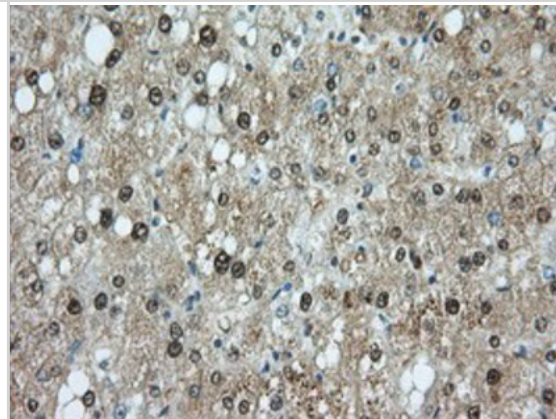
Immunohistochemistry-Paraffin: PDE4A Antibody (8B7) [NBP2-02573] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-PDE4A mouse monoclonal antibody.



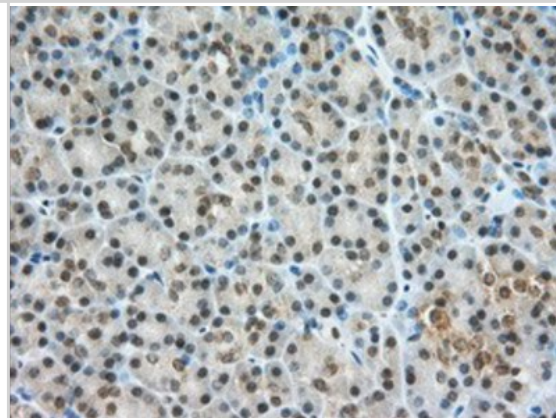
Immunohistochemistry-Paraffin: PDE4A Antibody (8B7) [NBP2-02573] - Staining of paraffin-embedded Human Kidney tissue using anti-PDE4A mouse monoclonal antibody.



Immunohistochemistry-Paraffin: PDE4A Antibody (8B7) [NBP2-02573] - Staining of paraffin-embedded Human liver tissue using anti-PDE4A mouse monoclonal antibody.



Immunohistochemistry-Paraffin: PDE4A Antibody (8B7) [NBP2-02573] - Staining of paraffin-embedded Human pancreas tissue using anti-PDE4A mouse monoclonal antibody.





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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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