

## Anti-PDE4 (PDE4B) Mouse Monoclonal Antibody [Clone ID: OTI1D12]

Catalog Number: M02228

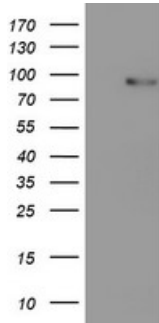
### Overview

Product Name	Anti-PDE4 (PDE4B) Mouse Monoclonal Antibody [Clone ID: OTI1D12]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio PDE4B mouse monoclonal antibody, clone OTI1D12 (formerly 1D12). Catalog# M02228. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI1D12
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	Q07343

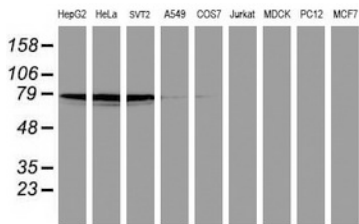
### Technical Details

Immunogen	Full length human recombinant protein of human PDE4B (NP_002591) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.62 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:500~2000 IHC 1:150 IF 1:100 Flow Cytometry 1:100

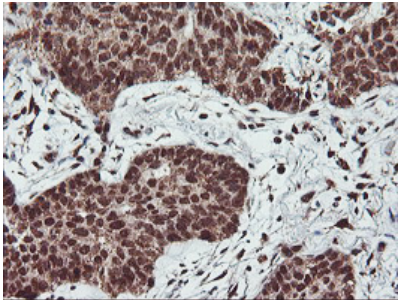
## Anti-PDE4 (PDE4B) Mouse Monoclonal Antibody [Clone ID: OTI1D12] (M02228) Images



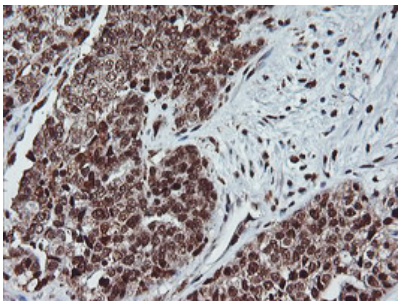
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PDE4B (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PDE4B.



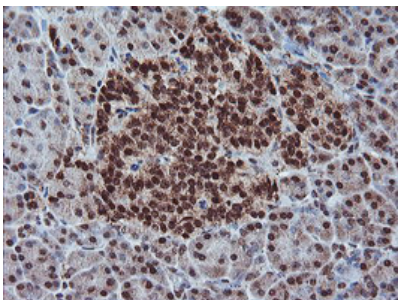
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PDE4B monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



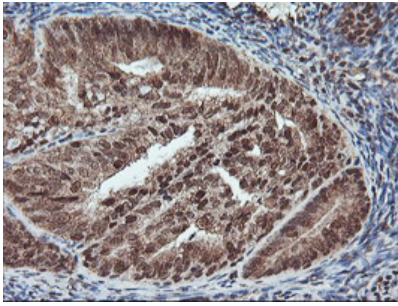
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-PDE4B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



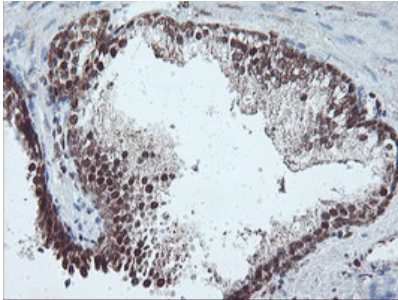
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-PDE4B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



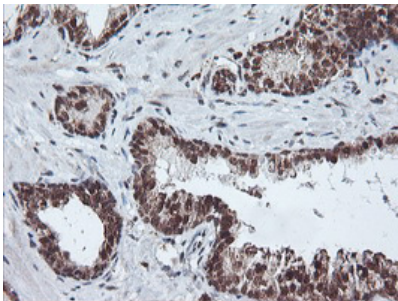
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-PDE4B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



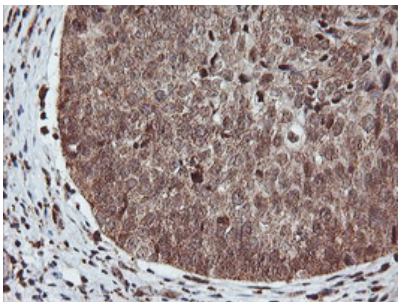
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-PDE4B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



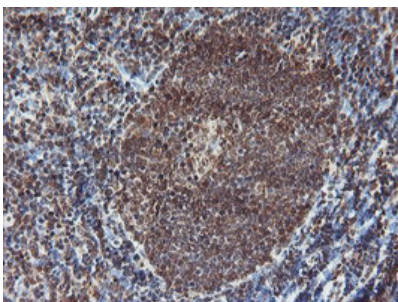
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-PDE4B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



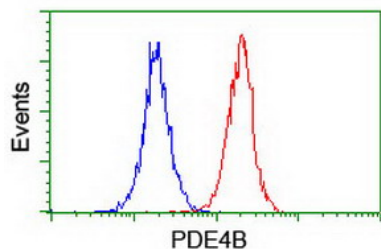
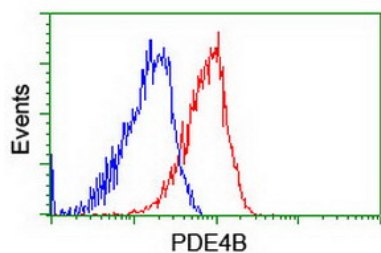
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-PDE4B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



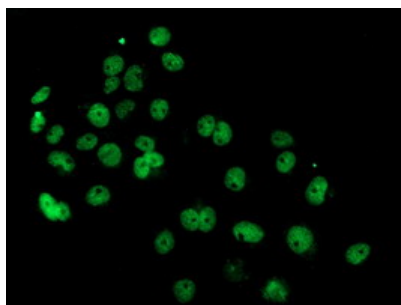
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-PDE4B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-PDE4B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Flow cytometric Analysis of Jurkat cells



Anti-PDE4B mouse monoclonal antibody (M02228) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PDE4B.

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Anti-PDE4 (PDE4B) Mouse Monoclonal Antibody [Clone ID: OT11D12]

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