

PDE3B Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant PDE3B.****Catalog # AT3255a****Specification**

PDE3B Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	Q13370
Other Accession	NM_000922
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	124333

PDE3B Antibody (monoclonal) (M01) - Additional Information**Gene ID** 5140**Other Names**

cGMP-inhibited 3', 5'-cyclic phosphodiesterase B, CGIPDE1, CGIP1, Cyclic GMP-inhibited phosphodiesterase B, CGI-PDE B, PDE3B

Target/Specificity

PDE3B (NP_000913, 401 a.a. ~ 500 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

PDE3B Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

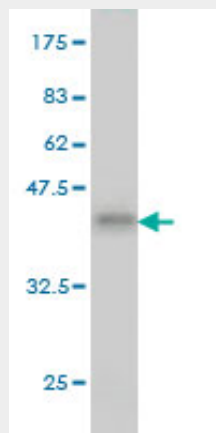
PDE3B Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

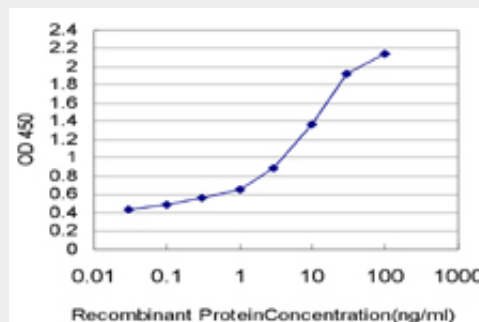
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PDE3B Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



Detection limit for recombinant GST tagged PDE3B is approximately 0.03ng/ml as a capture antibody.

PDE3B Antibody (monoclonal) (M01) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolidinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121. Identification of cisplatin-resistance related genes in head and neck squamous cell carcinoma. Yamano Y, et al. Int J Cancer, 2010 Jan 15. PMID 19569180. Phosphodiesterase 3 is present in rabbit and human erythrocytes and its inhibition potentiates iloprost-induced increases in cAMP. Hanson MS, et al. Am J Physiol Heart Circ Physiol, 2008 Aug. PMID 18586889. Numerous distinct PKA-, or EPAC-based, signalling complexes allow selective phosphodiesterase 3 and phosphodiesterase 4 coordination of cell adhesion. Raymond DR, et al. Cell Signal, 2007 Dec. PMID 17884339.