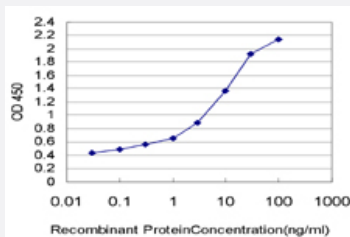


PDE3B monoclonal antibody (M01), clone 4A4

Catalog # H00005140-M01

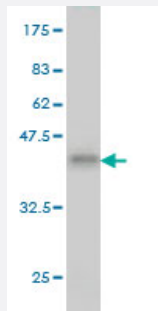
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PDE3B.
Immunogen	PDE3B (NP_000913, 401 a.a. ~ 500 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LTPFPGFYPCSEIEDPAEKGDRKLNKGLNRNSLPTPQLRRSSGTSGLLPVEQSSRWDRNNGKRP HQEFGISSQGCVLNGPFNSNLLTPKQRSSSVSLTH
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (75)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — PDE3B

Entrez GeneID	5140
GeneBank Accession#	NM_000922
Protein Accession#	NP_000913
Gene Name	PDE3B
Gene Alias	HcGIP1, cGIPDE1
Gene Description	phosphodiesterase 3B, cGMP-inhibited
Omim ID	602047
Gene Ontology	Hyperlink
Gene Summary	O

Other Designations

cyclic nucleotide phosphodiesterase

Pathway

- [Insulin signaling pathway](#)
- [Purine metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Insulin Resistance](#)