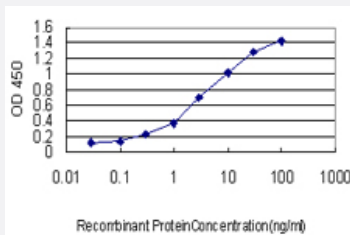


PDE3A monoclonal antibody (M01), clone 5C12

Catalog # H00005139-M01

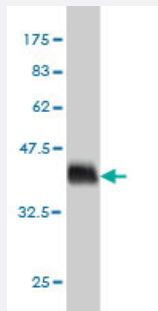
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PDE3A is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.62 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant PDE3A.

Immunogen

PDE3A (NP_000912, 533 a.a. ~ 640 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

TPASSLVSKISAVQFPESADTTAKQSLGSHRALTYTQSAPDLSPQILTPPVICSSCGRPYSQGNPA
DEPLERSGVATRTPSRDDTAQVTSDDYETNNNSDSSDIVQNE

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (76); Rat (77)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 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 PDE3A is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PDE3A

Entrez GeneID	5139
GeneBank Accession#	NM_000921
Protein Accession#	NP_000912
Gene Name	PDE3A
Gene Alias	CGI-PDE
Gene Description	phosphodiesterase 3A, cGMP-inhibited
Omim ID	123805
Gene Ontology	Hyperlink
Gene Summary	O

Other Designations

cGMP-inhibited 3',5'-cyclic phosphodiesterase A|cyclic GMP inhibited phosphodiesterase A

Pathway

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

Disease

- [Azoospermia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Infertility](#)
- [Oligospermia](#)
- [Ventricular Dysfunction](#)