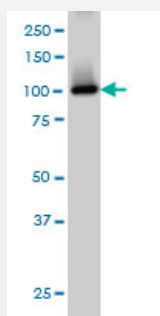


PDE2A monoclonal antibody (M01), clone 4F4

Catalog # H00005138-M01

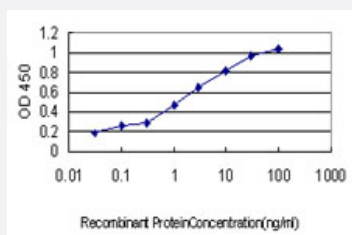
Size 100 ug

Applications



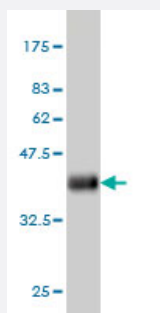
Western Blot (Cell lysate)

PDE2A monoclonal antibody (M01), clone 4F4 Western Blot analysis of PDE2A expression in IMR-32 (Cat # L008V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PDE2A is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.75 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant PDE2A.

Immunogen	PDE2A (NP_002590, 850 a.a. ~ 940 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	REKAYIPELQISFMEHIAMPIYKLLQDLFPKAAELYERVASNREHWTKVSHKFTIRGLPSNNSLDFLD EEYEVPDLDGTRAPINGCCSLDA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.75 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 (Cell lysate)

PDE2A monoclonal antibody (M01), clone 4F4 Western Blot analysis of PDE2A expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PDE2A is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PDE2A

Entrez GeneID [5138](#)

GeneBank Accession#	NM_002599
Protein Accession#	NP_002590
Gene Name	PDE2A
Gene Alias	PDE2A1, PED2A4
Gene Description	phosphodiesterase 2A, cGMP-stimulated
Omim ID	602658
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	cGMP-stimulated phosphodiesterase 1 cGMP-stimulated phosphodiesterase 4

Pathway

- [Purine metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)