

PDE4DIP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant PDE4DIP.

Catalog # AT3257a

Specification

PDE4DIP Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, E
Primary Accession	Q5VU43
Other Accession	BC026270
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	265103

PDE4DIP Antibody (monoclonal) (M01) - Additional Information

Gene ID 9659

Other Names

Myomegalin, Cardiomyopathy-associated protein 2, Phosphodiesterase 4D-interacting protein, PDE4DIP, CMYA2, KIAA0454, KIAA0477, MMGL

Target/Specificity

PDE4DIP (AAH26270.1, 1 a.a. ~ 177 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

PDE4DIP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

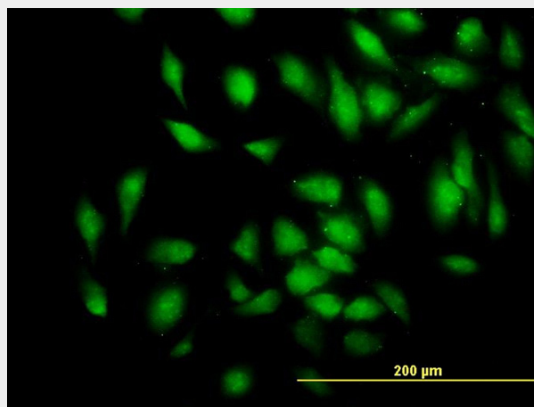
PDE4DIP Antibody (monoclonal) (M01) - Protocols

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

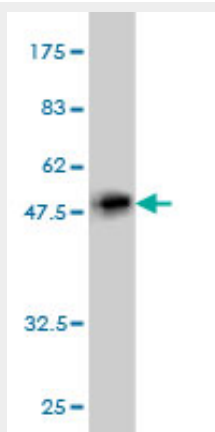
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

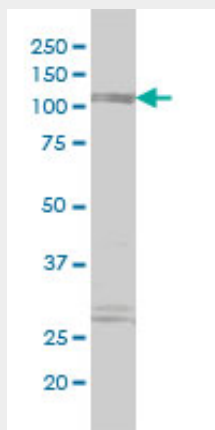
PDE4DIP Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to PDE4DIP on HeLa cell. [antibody concentration 10 ug/ml]

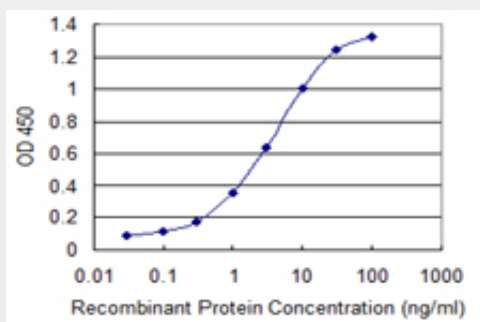


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.21 KDa) .



PDE4DIP monoclonal antibody (M01), clone 2B5 Western Blot analysis of PDE4DIP expression in

JAR ((Cat # AT3257a)



Detection limit for recombinant GST tagged PDE4DIP is 0.03 ng/ml as a capture antibody.

PDE4DIP Antibody (monoclonal) (M01) - Background

The protein encoded by this gene serves to anchor phosphodiesterase 4D to the Golgi/centrosome region of the cell. Defects in this gene may be a cause of myeloproliferative disorder (MBD) associated with eosinophilia. Several transcript variants encoding different isoforms have been found for this gene.

PDE4DIP Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Protein microarray analysis identifies human cellular prion protein interactors. Satoh J, et al. Neuropathol Appl Neurobiol, 2009 Feb. PMID 18482256. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348. Serum anti-myomegalin antibodies in patients with esophageal squamous cell carcinoma. Shimada H, et al. Int J Oncol, 2007 Jan. PMID 17143517. A protein-protein interaction network for human inherited ataxias and disorders of Purkinje cell degeneration. Lim J, et al. Cell, 2006 May 19. PMID 16713569.