

PDE4DIP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant PDE4DIP.

Catalog # AT3257a

Product Information

Application	WB, IF, E
Primary Accession	Q5VU43
Other Accession	BC026270
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2B5
Calculated MW	265103

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 IF~~1:50~200 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	PDE4DIP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

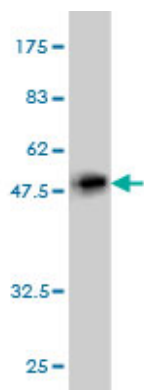
The protein encoded by this gene serves to anchor phosphodiesterase 4D to the Golgi/centrosome region of the cell. Defects in this gene may be a cause of myeloproliferative disorder (MBD) associated with eosinophilia. Several transcript variants encoding different isoforms have been found for this gene.

References

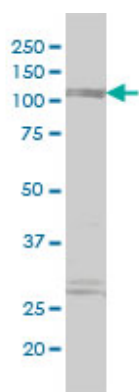
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Protein microarray analysis identifies human cellular prion protein interactors. Satoh J, et al. Neuropathol Appl Neurobiol, 2009 Feb. 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.

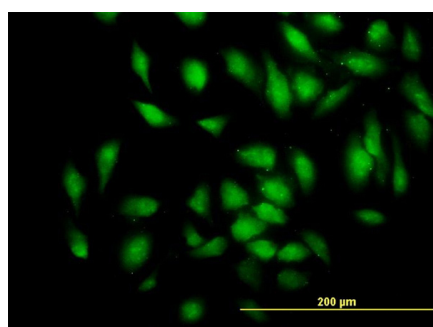
Images



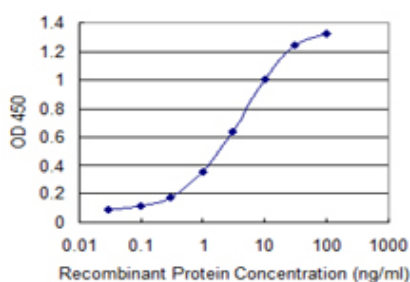
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (45.21 KDa) .



PDE4DIP monoclonal antibody (M01), clone 2B5 Western Blot analysis of PDE4DIP expression in JAR ((Cat # AT3257a)



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.