

PDE6D Antibody (monoclonal) (M06)**Mouse monoclonal antibody raised against a full length recombinant PDE6D.****Catalog # AT3258a****Specification**

PDE6D Antibody (monoclonal) (M06) - Product Information

Application	WB, IF, E
Primary Accession	O43924
Other Accession	BC007831
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	17420

PDE6D Antibody (monoclonal) (M06) - Additional Information**Gene ID** 5147**Other Names**

Retinal rod rhodopsin-sensitive cGMP 3', 5'-cyclic phosphodiesterase subunit delta, GMP-PDE delta, Protein p17, PDE6D, PDED

Target/Specificity

PDE6D (AAH07831, 1 a.a. ~ 150 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

PDE6D Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

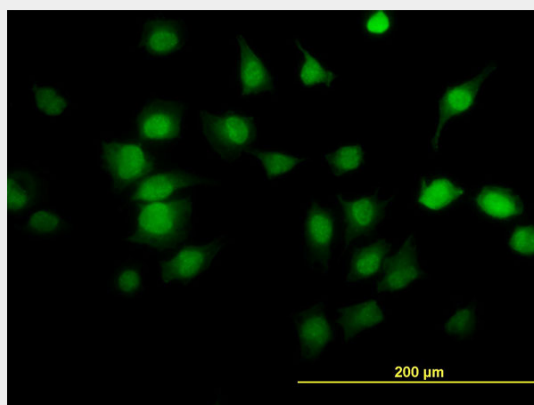
PDE6D Antibody (monoclonal) (M06) - Protocols

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

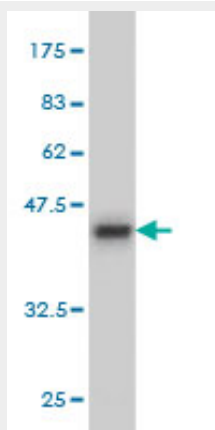
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

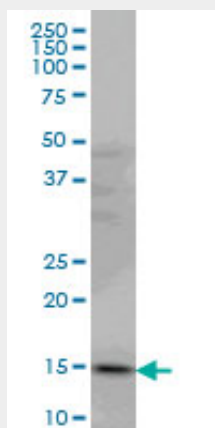
PDE6D Antibody (monoclonal) (M06) - Images



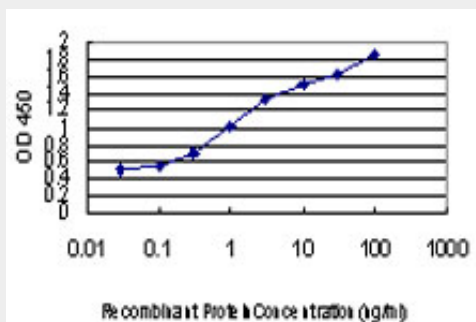
Immunofluorescence of monoclonal antibody to PDE6D on HeLa cell. [antibody concentration 20 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (42.24 KDa) .



PDE6D monoclonal antibody (M06), clone 5C7 Western Blot analysis of PDE6D expression in HeLa (Cat # AT3258a)



Detection limit for recombinant GST tagged PDE6D is approximately 0.03ng/ml as a capture antibody.

PDE6D Antibody (monoclonal) (M06) - References

Many sequence variants affecting diversity of adult human height. Gudbjartsson DF, et al. Nat Genet, 2008 May. PMID 18391951. Internalization and recycling of the human prostacyclin receptor is modulated through its isoprenylation-dependent interaction with the delta subunit of cGMP phosphodiesterase 6. Wilson SJ, et al. J Biol Chem, 2006 Apr 28. PMID 16527812. Assay and functional properties of PrBP(PDEdelta), a prenyl-binding protein interacting with multiple partners. Zhang H, et al. Methods Enzymol, 2005. PMID 16473576. Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514. A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.