

PARD6B Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant PARD6B.

Catalog # AT3181a

Specification

PARD6B Antibody (monoclonal) (M01) - Product Information

Application	WB, IF
Primary Accession	Q9BYG5
Other Accession	BC060847
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	41182

PARD6B Antibody (monoclonal) (M01) - Additional Information

Gene ID 84612

Other Names

Partitioning defective 6 homolog beta, PAR-6 beta, PAR-6B, PARD6B, PAR6B

Target/Specificity

PARD6B (AAH60847, 1 a.a. ~ 372 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

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

PARD6B Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

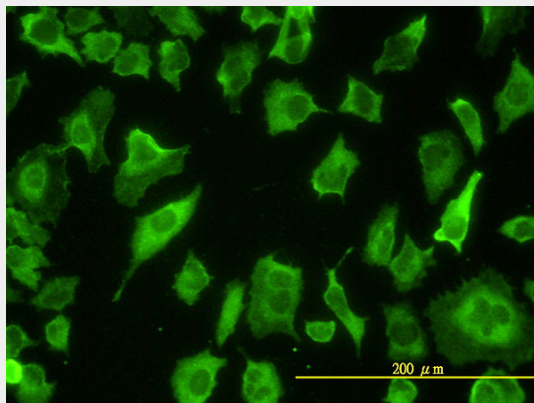
PARD6B Antibody (monoclonal) (M01) - Protocols

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

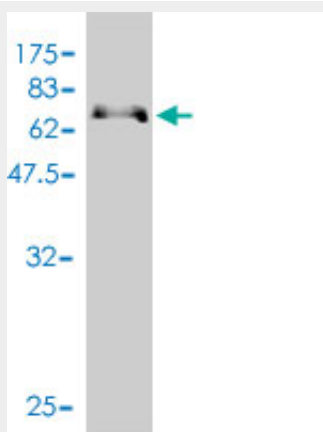
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

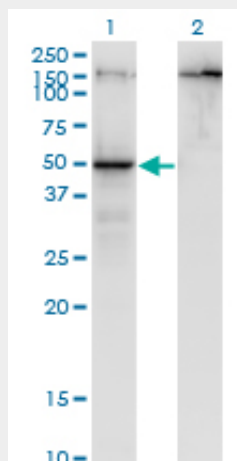
PARD6B Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to PARD6B on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (66.66 KDa) .



Western Blot analysis of PARD6B expression in transfected 293T cell line by PARD6B monoclonal antibody (M01), clone 1C4.

Lane 1: PARD6B transfected lysate(41.2 KDa).

Lane 2: Non-transfected lysate.

PARD6B Antibody (monoclonal) (M01) - Background

This gene is a member of the PAR6 family and encodes a protein with a PSD95/Discs-large/ZO1 (PDZ) domain, an OPR domain and a semi-Cdc42/Rac interactive binding (CRIB) domain. This cytoplasmic protein is involved in asymmetrical cell division and cell polarization processes as a member of a multi-protein complex.

PARD6B Antibody (monoclonal) (M01) - References

Interaction between PAR-3 and the aPKC-PAR-6 complex is indispensable for apical domain development of epithelial cells. Horikoshi Y, et al. J Cell Sci, 2009 May 15. PMID 19401335. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348. Identification of target genes in breast cancer cells directly regulated by the SRC-3/AIB1 coactivator. Labhart P, et al. Proc Natl Acad Sci U S A, 2005 Feb 1. PMID 15677324. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Binding of proteins to the PDZ domain regulates proteolytic activity of HtrA1 serine protease. Murwantoko, et al. Biochem J, 2004 Aug 1. PMID 15101818.