

PLSCR3 Antibody (monoclonal) (M09)

Mouse monoclonal antibody raised against a full length recombinant PLSCR3.

Catalog # AT3350a

Specification

PLSCR3 Antibody (monoclonal) (M09) - Product Information

Application	WB
Primary Accession	Q9NRY6
Other Accession	BC011735
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	31648

PLSCR3 Antibody (monoclonal) (M09) - Additional Information

Gene ID 57048

Other Names

Phospholipid scramblase 3, PL scramblase 3, Ca(2+)-dependent phospholipid scramblase 3, PLSCR3

Target/Specificity

PLSCR3 (AAH11735, 1 a.a. ~ 295 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

PLSCR3 Antibody (monoclonal) (M09) is for research use only and not for use in diagnostic or therapeutic procedures.

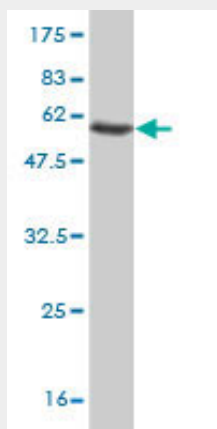
PLSCR3 Antibody (monoclonal) (M09) - Protocols

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

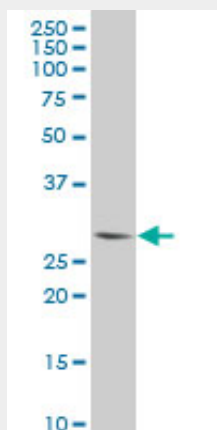
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

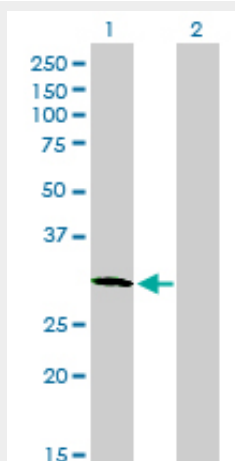
PLSCR3 Antibody (monoclonal) (M09) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (58.19 KDa) .

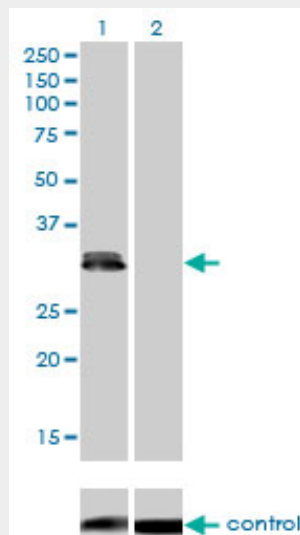


PLSCR3 monoclonal antibody (M09), clone 2C8 Western Blot analysis of PLSCR3 expression in HL-60 ((Cat # AT3350a)



Western Blot analysis of PLSCR3 expression in transfected 293T cell line by PLSCR3 monoclonal antibody (M09), clone 2C8.

Lane 1: PLSCR3 transfected lysate(31.7 KDa).
Lane 2: Non-transfected lysate.



Western blot analysis of PLSCR3 over-expressed 293 cell line, cotransfected with PLSCR3 Validated Chimera RNAi (Cat # AT3350a)

PLSCR3 Antibody (monoclonal) (M09) - References

Calcium binding studies of peptides of human phospholipid scramblases 1 to 4 suggest that scramblases are new class of calcium binding proteins in the cell. Sahu SK, et al. Biochim Biophys Acta, 2009 Oct. PMID 19540310. Tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) induced mitochondrial pathway to apoptosis and caspase activation is potentiated by phospholipid scramblase-3. Ndebele K, et al. Apoptosis, 2008 Jul. PMID 18491232. Identification of Alix-type and Non-Alix-type ALG-2-binding sites in human phospholipid scramblase 3: differential binding to an alternatively spliced isoform and amino acid-substituted mutants. Shibata H, et al. J Biol Chem, 2008 Apr 11. PMID 18256029. Phosphorylation of mitochondrial phospholipid scramblase 3 by protein kinase C-delta induces its activation and facilitates mitochondrial targeting of tBid. He Y, et al. J Cell Biochem, 2007 Aug 1. PMID 17226776. Phospholipid scramblase-3 regulates cardiolipin de novo biosynthesis and its resynthesis in growing HeLa cells. Van Q, et al. Biochem J, 2007 Jan 1. PMID 16939411.