

PLSCR1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant PLSCR1.

Catalog # AT3348a

Specification

PLSCR1 Antibody (monoclonal) (M01) - Product Information

Application	E
Primary Accession	O15162
Other Accession	BC032718
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	35049

PLSCR1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 5359

Other Names

Phospholipid scramblase 1, PL scramblase 1, Ca(2+)-dependent phospholipid scramblase 1, Erythrocyte phospholipid scramblase, MmTRA1b, PLSCR1

Target/Specificity

PLSCR1 (AAH32718, 1 a.a. ~ 318 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

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

PLSCR1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

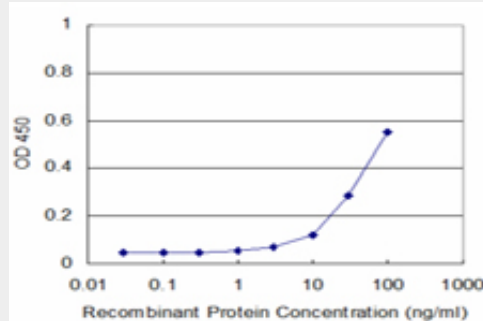
PLSCR1 Antibody (monoclonal) (M01) - Protocols

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](#)

PLSCR1 Antibody (monoclonal) (M01) - Images



Detection limit for recombinant GST tagged PLSCR1 is approximately 3ng/ml as a capture antibody.

PLSCR1 Antibody (monoclonal) (M01) - 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. The phospholipid scramblases 1 and 4 are cellular receptors for the secretory leukocyte protease inhibitor and interact with CD4 at the plasma membrane. Py B, et al. *PLoS One*, 2009. PMID 19333378. Phospholipid scramblase 1 modulates a selected set of IgE receptor-mediated mast cell responses through LAT-dependent pathway. Amir-Moazami O, et al. *J Biol Chem*, 2008 Sep 12. PMID 18579528. Proteinase 3, the Wegener autoantigen, is externalized during neutrophil apoptosis: evidence for a functional association with phospholipid scramblase 1 and interference with macrophage phagocytosis. Kantari C, et al. *Blood*, 2007 Dec 1. PMID 17712045. 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.