

## PLSCR3 Antibody (monoclonal) (M09)

Mouse monoclonal antibody raised against a full length recombinant PLSCR3. Catalog # AT3350a

## **Product Information**

Application	WB
Primary Accession	<u>Q9NRY6</u>
Other Accession	<u>BC011735</u>
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2C8
Calculated MW	31648

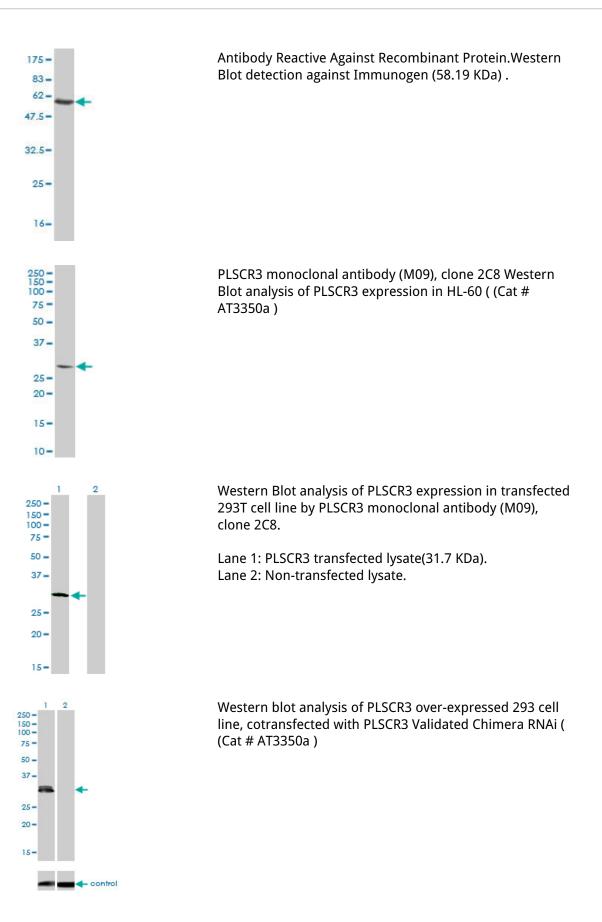
## **Additional Information**

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.

## 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.





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