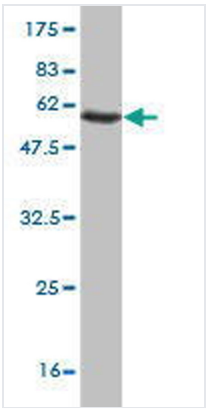
PLSCR3 Antibody – Mouse Monoclonal

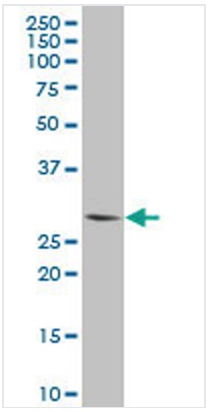
PRODUCT OVERVIEW

Product Name	PLSCR3, Monoclonal Antibody
Full Product Name	PLSCR3 (Phospholipid Scramblase 3, PL Scramblase 3, Ca(2+)-dependent Phospholipid Scramblase 3) APC
Product Gene Name	anti-PLSCR3 antibody
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	2C8
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human PLSCR3.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	31,648 Da
Immunogen	Full length recombinant corresponding to aa1-296 from human PLSCR3 (AAH11735) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MAGYLPPKGYAPSPPPPYPVTPGYPEPALHPGPGQAPVPAQVPAPAPGFALFPSPGPVALGSAAPFLPLPGVPSGLEFLVQIDQILIHQKAERVETFLGW
Conjugate	APC
Product Categories/Family for anti-PLSCR3 antibody	Antibodies; Enzymes
Applications Tested/Suitable for anti-PLSCR3 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-PLSCR3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-PLSCR3 antibody	May mediate accelerated ATP-independent bidirectional transbilayer migration of phospholipids upon binding calcium ions that results in a loss of phos the inner to the outer mitochondrial membrane which promotes BID recruitment and enhances tBid-induced mitochondrial damages.
Other Notes	Small volumes of anti-PLSCR3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece

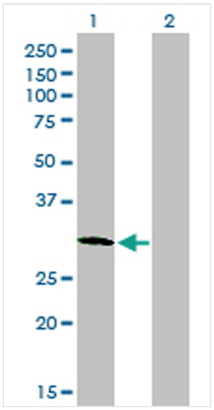
Searchable Terms for PLSCR3 purchase	MBS6138317 is an antibody targeting PLSCR3. Also known as PLSCR3 (Phospholipid Scramblase 3, PL Scramblase 3, Ca(2+)-dependent Phospholip



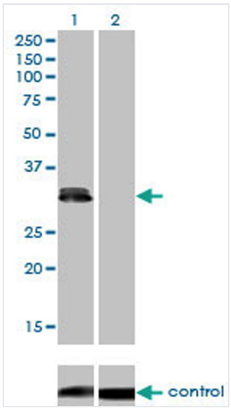
Western Blot (WB) of anti-PLSCR3 antibody
Western Blot detection against Immunogen (58.56kD).



Western Blot (WB) of anti-PLSCR3 antibody
PLSCR3 monoclonal antibody, Western Blot analysis of PLSCR3 expression in HL-60.



Western Blot (WB) of anti-PLSCR3 antibody
Western Blot analysis of PLSCR3 expression in transfected 293T cell line by PLSCR3 monoclonal antibody. Lane 1: PLSCR3 transfected lysate (31.7kD). Lane 2: Non-transfected lysate.



Western Blot (WB) of anti-PLSCR3 antibody
Western blot analysis of PLSCR3 over-expressed 293 cell line, cotransfected with PLSCR3 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with PLSCR3 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PLSCR3. It may not necessarily be applicable to this product.

NCBI GI #	33877658
NCBI GeneID	57048
NCBI Accession #	BC011735
NCBI Related Accession #	AAH11735
UniProt Secondary Accession #	Q567U0; Q8NBW6; Q96F13; A8K252
UniProt Related Accession #	Q9NRY6
NCBI Official Full Name	Homo sapiens phospholipid scramblase 3, mRNA
NCBI Official Synonym Full Names	phospholipid scramblase 3
NCBI Official Symbol	PLSCR3
Protein Family	Phospholipid scramblase
NCBI Protein Information	phospholipid scramblase 3

Research Articles on PLSCR3	**1.** Secreted Scr3 was taken up by HeLa cells, suggesting that Scr3 functions as a cell-to-cell transferable modulator carried by exosomes in a paracrine manner.
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