



# PLS3 Monoclonal Antibody

<b>Catalog No</b>	BYmab-05931
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	PLSCR3
<b>Protein Name</b>	Phospholipid scramblase 3 (PL scramblase 3) (Ca(2+)-dependent phospholipid scramblase 3)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 180-260
<b>Specificity</b>	PLS3 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	32kD
<b>Cell Pathway</b>	Mitochondrion membrane ; Single-pass type II membrane protein . Mitochondrion inner membrane ; Single-pass type II membrane protein . Nucleus . Palmitoylation regulates its localization to the cell membrane or the nucleus; trafficking to the cell membrane is dependent upon palmitoylation whereas in the absence of palmitoylation, localizes to the nucleus. .
<b>Tissue Specificity</b>	Expressed in heart, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, uterus, small intestine and peripheral blood lymphocytes. Not detected in testis, brain and liver.
<b>Function</b>	cofactor:Calcium.,function:May mediate accelerated ATP-independent bidirectional transbilayer migration of phospholipids upon binding calcium ions that results in a loss of phospholipid asymmetry in the plasma membrane. May play a central role in the initiation of fibrin clot formation, in the activation of mast cells and in the recognition of apoptotic and injured cells by the reticuloendothelial system.,similarity:Belongs to the phospholipid scramblase family.,tissue specificity:Expressed in heart, placenta, lung, liver, skeletal muscle, kidney,

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#### Background

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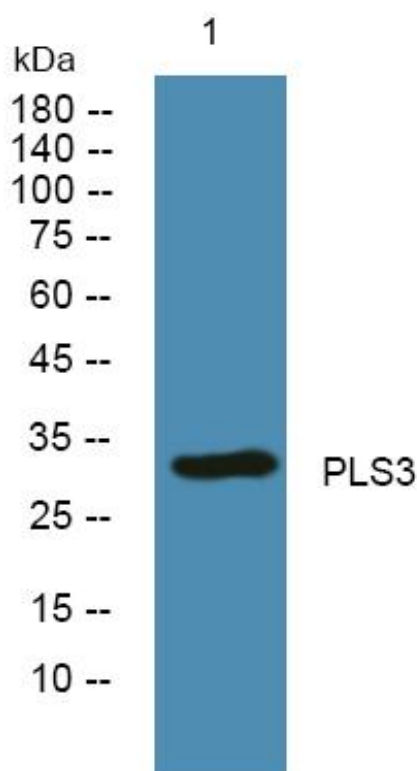
#### matters needing attention

Avoid repeated freezing and thawing!

#### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using PLS3 Monoclonal Antibody