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[Primary Antibody]

Recombinant Rabbit Anti-Gpx4 Monoclonal Antibody

Catalog Number: SLA0932M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Clone No.:	SB125
Target:	Gpx4
Immunogen:	Recombinant Mouse GPX4 protein
Purification:	Affinity Purification
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1: 500-2000) IHC-P (1: 100-500) IHC-F (1: 100-500) IF (1: 100-500) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Predicted MW.:	22 kDa
Background:	GPX4 (Phospholipid hydroperoxide glutathione peroxidase, mitochondrial) protects cells against membrane lipid peroxidation and cell death. Required for normal sperm development and male fertility.It has two isforms about 20KDa and 22KDa, respectively. GPX4 is a monomer,but it has a tendency to form higher mass oligomers . It presents primarily in testis.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.