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[Primary Antibody]

Recombinant Rabbit Anti-GPX2 Monoclonal Antibody

Catalog Number: SLA1869M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	12D7
GeneID:	2877
SWISS:	P18283
Target:	GPX2
Immunogen:	A synthesized peptide derived from human Glutathione peroxidase 2
Purification:	affinity purified by Protein A
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) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	22 kDa
Background:	Catalyzes the reduction of hydroperoxides in a glutathione-dependent manner thus regulating cellular redox homeostasis. Can reduce small soluble hydroperoxides such as H2O2, cumene hydroperoxide and tert-butyl hydroperoxide, as well as several fatty acid-derived hydroperoxides. Cannot reduce phosphatidycholine hydroperoxide.

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