

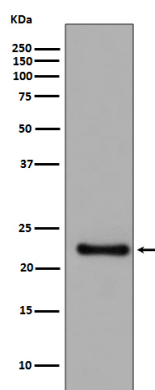


Product name:	GPX1 (13J4) Rabbit Monoclonal Antibody
Cat number:	MABN11726
Conjugate:	Unconjugated
Size:	100 ug
Clone:	13J4
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human Glutathione Peroxidase 1
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:1000-1:5000,IP 1:10-1:100
Molecular Weight:	22kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Synonyms:	GPX1; GSHPX1; MGC14399; MGC88245; Glutathione Peroxidase 1
Source:	Rabbit
Background:	Glutathione peroxidase 1 (GPX1) is a cytosolic selenoprotein which reduces hydrogen peroxide to water. GPX1 is the most abundant and ubiquitous among the five GPX isoforms identified so far. It is an important component in the anti-oxidative defense in cells and is associated with a variety of disease conditions, such as colon cancer, coronary artery disease and insulin resistance. Protects the hemoglobin in erythrocytes from oxidative breakdown. In platelets, plays a crucial role of glutathione peroxidase in the arachidonic acid metabolism (PubMed:11115402).

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Western blot analysis of GPX1
expression in SH SY5Y cell lysate.

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