

# Glutathione Peroxidase 1 Rabbit mAb

Catalog # AP76512

## Product Information

Application	WB, IP, ICC
Primary Accession	<a href="#">P07203</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	22088

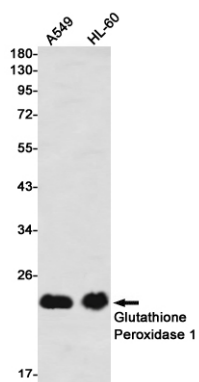
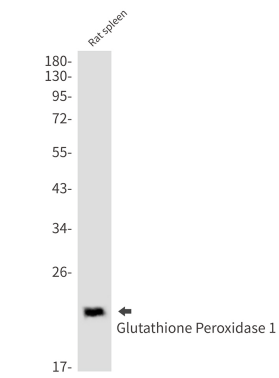
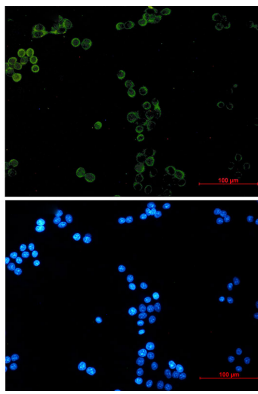
## Additional Information

Gene ID	2876
Other Names	GPX1
Dilution	WB~~1/500-1/1000 IP~~1/20 ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

Name	GPX1 ( <a href="#">HGNC:4553</a> )
Function	Catalyzes the reduction of hydroperoxides in a glutathione- dependent manner thus regulating cellular redox homeostasis (PubMed: <a href="#">11115402</a> , PubMed: <a href="#">36608588</a> ). Can reduce small soluble hydroperoxides such as H2O2, cumene hydroperoxide and tert-butyl hydroperoxide, as well as several fatty acid-derived hydroperoxides (PubMed: <a href="#">11115402</a> , PubMed: <a href="#">36608588</a> ). In platelets catalyzes the reduction of 12-hydroperoxyeicosatetraenoic acid, the primary product of the arachidonate 12-lipoxygenase pathway (PubMed: <a href="#">11115402</a> ).
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:P11352}. Mitochondrion {ECO:0000250 UniProtKB:P11352}
Tissue Location	Expressed in platelets (at protein level).

## Images



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