

**Product Name: Glutathione Peroxidase 1 Rabbit
Monoclonal antibody
Catalog #: AMRe04125**

Summary

Production Name	Glutathione Peroxidase 1 Rabbit Monoclonal antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF, IP
Reactivity	Human, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	GPX1
Alternative Names	GPX1; GSHPX1; MGC14399; MGC88245; Glutathione Peroxidase 1
Gene ID	2876
SwissProt ID	P07203.

Application

Dilution Ratio	WB: 1:500-1:1000 IF: 1:50-1:200 IP: 1:20
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 22 kDa

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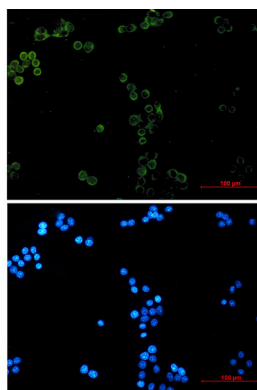
Background

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.

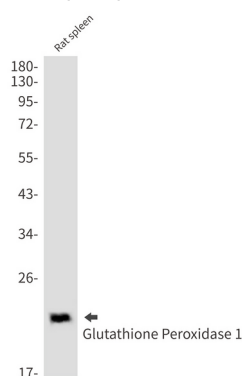
Research Area

Signal Transduction

Image Data

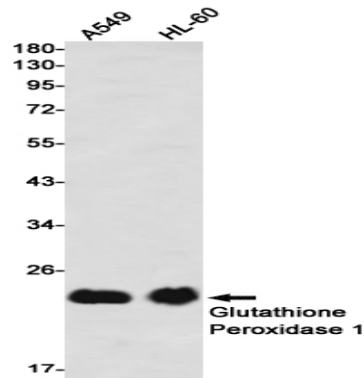


Immunocytochemistry analysis of Glutathione Peroxidase 1 (green) in Hela using Glutathione Peroxidase 1 antibody, and DAPI (blue).



Western blot analysis of Glutathione Peroxidase 1 in rat spleen lysates using Glutathione Peroxidase 1 antibody.

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Western blot analysis of Glutathione Peroxidase 1 in A549, HL-60 lysates using Glutathione Peroxidase 1 antibody

Note

For research use only.