

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

---

## Summary

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

## Performance

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

## Immunogen

<b>Gene Name</b>	GPX1
<b>Alternative Names</b>	GPX1; GSHPX1; MGC14399; MGC88245; Glutathione Peroxidase 1
<b>Gene ID</b>	2876
<b>SwissProt ID</b>	P07203

## Application

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

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

---

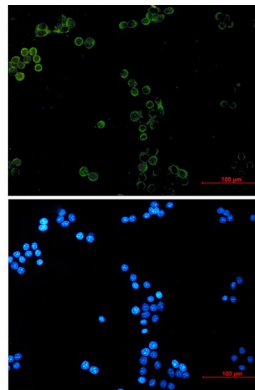
## Background

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.

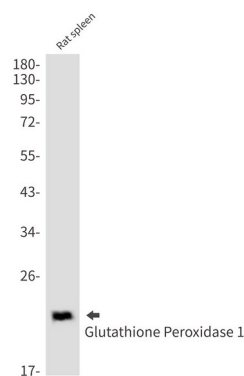
## Research Area

Signal Transduction

## Image Data



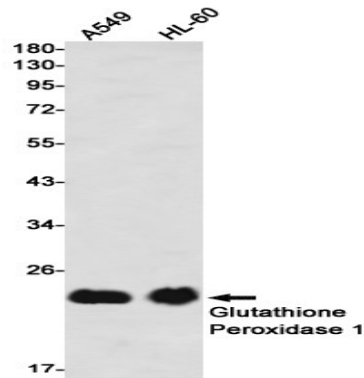
Immunocytochemistry analysis of Glutathione Peroxidase 1 (green) in HeLa using Glutathione Peroxidase 1 antibody, and DAPI (blue).



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

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

---



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

### **Note**

For research use only.