

## GLUTATHIONE PEROXIDASE 1 RABBIT MAB

**Cat.#:** N263346

**Product Name:** Anti-Glutathione Peroxidase 1 Rabbit Monoclonal Antibody

**Synonyms:** GPX1; GSHPX1; MGC14399; MGC88245; Glutathione Peroxidase 1

**UNIPROT ID:** P07203

**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.

**Immunogen:** A synthetic peptide of human Glutathione Peroxidase 1

**Applications:** WB, ICC/IF, IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R06-0H1

**MW:** Calculated MW: 22 kDa; Observed MW: 22 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human, Rat

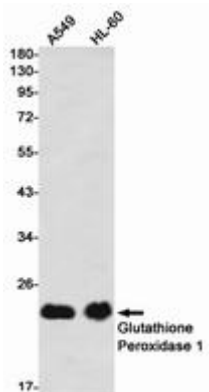
**Conjugation:** Unconjugated

**Modification:** Unmodified

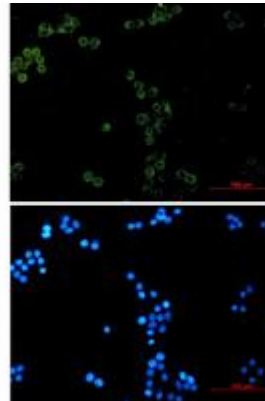
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

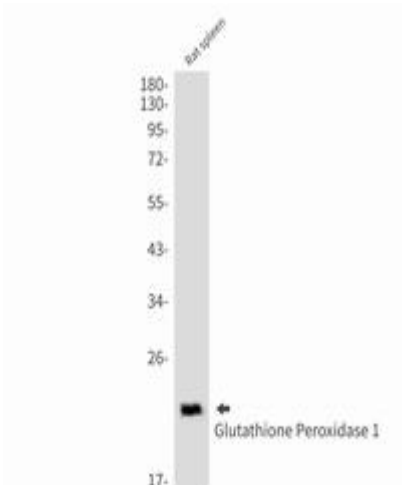
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



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.