

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

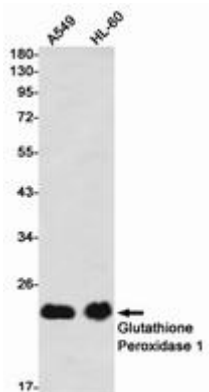
Conjugation: Unconjugated

Modification: Unmodified

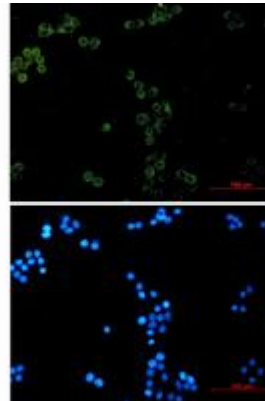
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

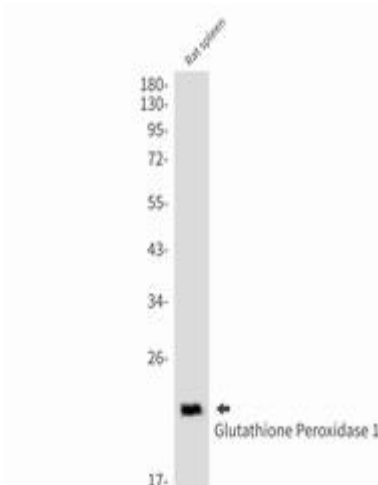
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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.