

Product Name: GPX1 (13J4) Rabbit Monoclonal Antibody
Catalog #: AMRe11726

Summary

Production Name	GPX1 (13J4) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	GPX1
Alternative Names	GPX1; GSHPX1; MGC14399; MGC88245 ; Glutathione Peroxidase 1;
Gene ID	2876.0
SwissProt ID	P07203.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	22kDa

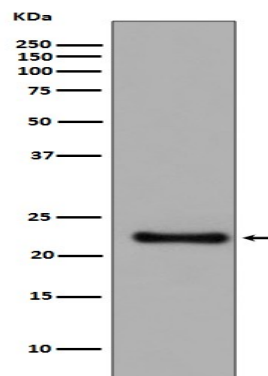
Product Name: GPX1 (13J4) Rabbit Monoclonal Antibody
Catalog #: AMRe11726

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. Protects the hemoglobin in erythrocytes from oxidative breakdown. In platelets, plays a crucial role of glutathione peroxidase in the arachidonic acid metabolism (PubMed: <http://www.uniprot.org/citations/11115402> target="_blank">11115402).

Research Area

Image Data



Western blot analysis of GPX1 expression in SH SY5Y cell lysate.

Note

For research use only.