

<b>Product name:</b>	Glutathione Peroxidase 1 Rabbit Monoclonal Antibody
<b>Cat number:</b>	MABN03952
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic peptide of human Glutathione Peroxidase 1
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	WB 1:500-1:1000
<b>Molecular Weight:</b>	Calculated MW:22 kDa;Observed MW: 22 kDa
<b>Purification:</b>	Affinity Purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	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.