

Product name:	Glutathione Peroxidase 2 Rabbit Monoclonal Antibody
Cat number:	MABN84451
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthesized peptide derived from human Glutathione peroxidase 2
Reactivity:	Human
Applications:	WB 1:1000-1:2000,IHC 1:100-1:200
Molecular Weight:	22 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide,0.05% BSA and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	Catalyzes the reduction of hydroperoxides in a glutathione-dependent manner thus regulating cellular redox homeostasis. Can reduce small soluble hydroperoxides such as H ₂ O ₂ , cumene hydroperoxide and tert-butyl hydroperoxide, as well as several fatty acid-derived hydroperoxides. Cannot reduce phosphatidycholine hydroperoxide.