



Glutathione Peroxidase 4 mouse mAb

Catalog No	YP-mAb-17799
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GPX4
Immunogen	A synthesized peptide derived from human GPX4
Specificity	
Formulation	
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GPX4;Phospholipid hydroperoxide glutathione peroxidase;mitochondrial;PHGPx; EC 1.11.1.12;Glutathione peroxidase 4;GPx-4;GSHPx-4
Observed Band	Calculated MW: 22 kDa; Observed MW: 17 kDa
Calculated Molecular Weight	Calculated MW: 22 kDa; Observed MW: 17 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	Protects cells against membrane lipid peroxidation and cell death. Required for normal sperm development and male fertility. Could play a major role in protecting mammals from the toxicity of ingested lipid hydroperoxides. Essential for embryonic development. Protects from radiation and oxidative damage.
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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