



Glutathione Peroxidase 4 mouse mAb

Catalog No	BYmab-17799
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	GPX4
Protein Name	
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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
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!

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Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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