

Glutathione Peroxidase 4 Recombinant Mouse mAb

Catalog # AP96638

Product Information

Application	WB, IHC-P, IHC-F, IF
Predicted	Rat, Human, Mouse
Host	Mouse
Clonality	Recombinant
Calculated MW	22 KDa
Physical State	Liquid
Immunogen	Recombinant Mouse GPX4 protein
Isotype	IgG1
Purity	Affinity Purification
Buffer	PBS with 100 µg/ml BSA, 0.15% ProClin300 and 50% glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	GPX4 (Phospholipid hydroperoxide glutathione peroxidase, mitochondrial) protects cells against membrane lipid peroxidation and cell death. Required for normal sperm development and male fertility. It has two isoforms about 20KDa and 22KDa, respectively. GPX4 is a monomer, but it has a tendency to form higher mass oligomers. It presents primarily in testis.

Additional Information

Other Names	GPx-4; GSHPx-4; MCSP; PHGPx; SMDS; snGPx; snPHGPx;
Dilution	WB=1: 500-2000, IHC-P=1: 100-500, IF=1: 100-500, IHC-F=1: 100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	Glutathione Peroxidase 4 Recombinant Mouse mAb

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.