



Glutathione Peroxidase 4 Rabbit mAb

Catalog No	BYab-33139
Isotype	IgG
Reactivity	Human,Rat
Applications	WB,IHC-F,IHC-P,ICC/IF
Gene Name	GPX4
Alternative Names	Phospholipid hydroperoxide glutathione peroxidase; mitochondrial; PHGPx; EC 1.11.1.12; Glutathione peroxidase 4; GPx-4; GSHPx-4
Research Field	Signal Transduction
Product Categories	Primary antibody
Host	Rabbit
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 22 kDa
Clonality	Monoclonal Antibody
Clonality No.	R03-6E6
Dilution	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
Immunogen	A synthetic peptide of Glutathione Peroxidase 4
Purification	Affinity Purified
Conjugation	Unconjugated
Modification	Unmodified
Form	Liquid
Buffer System	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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.

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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.

Products Images

