

For Research Use Only

GPX4 Recombinant antibody

Catalog Number: 82949-1-RR



Basic Information

Catalog Number: 82949-1-RR	GenBank Accession Number: BC022071	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2879	CloneNo.: 230168A8
Source: Rabbit	Full Name: glutathione peroxidase 4 (phospholipid hydroperoxidase)	Recommended Dilutions: IF 1:150-1:600
Isotype: IgG	Calculated MW: 22 kDa	
Immunogen Catalog Number: AG5809		

Applications

Tested Applications: IF, ELISA	Positive Controls: IF : HepG2 cells,
Species Specificity: Human	

Background Information

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 (PMID:17630701). It presents primarily in testis.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

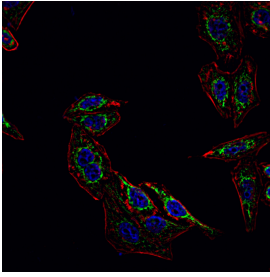
For technical support and original validation data for this product please contact:

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using GPX4 antibody (82949-1-RR, Clone: 230168A8) at dilution of 1:300 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).