

Product Datasheet

GPX1 Rabbit Polyclonal Antibody (orb5344)

Description	GPX1 Rabbit Polyclonal Antibody
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat, Sheep
Conjugation	Unconjugated
Tested Applications	ELISA, FC, IF, IHC-Fr, IHC-P, WB
Immunogen	KLH conjugated synthetic peptide derived from mouse Glutathione Peroxidase 1 (51-150/201aa)
Target	GPX1
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Isotype	IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
MW	22 kDa
Uniprot ID	P11352

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Biorbyt LLC.

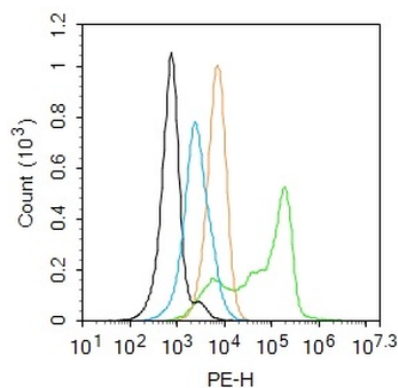
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Dilution Range

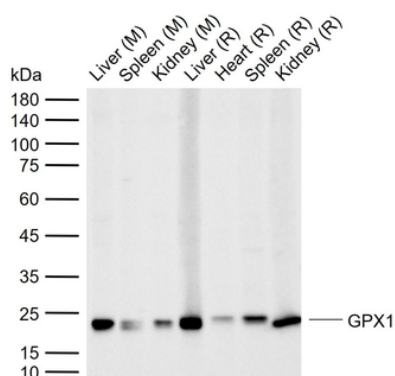
WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=2ug/Test, ELISA=1:5000-10000

Expiration Date

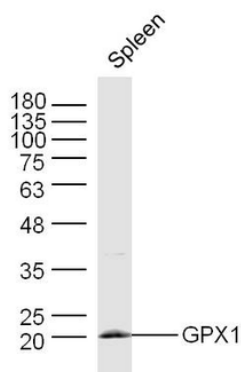
12 months from date of receipt.



Blank control: U937. Primary Antibody (green line): Rabbit Anti-GPX1 antibody (orb5344), dilution: 2 μ g/ 10^6 cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE, dilution: 1 μ g/Test. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at PBST. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Sample: Lane 1: Mouse Liver tissue lysates, Lane 2: Mouse Spleen tissue lysates, Lane 3: Mouse Kidney tissue lysates, Lane 4: Rat Liver tissue lysates, Lane 5: Rat Heart tissue lysates, Lane 6: Rat Spleen tissue lysates, Lane 7: Rat Kidney tissue lysates, Primary: Anti-GPX1 (orb5344) at 1/500 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 22 kDa, Observed band size: 22 kDa.



Sample: Spleen (Mouse) Lysate at 40 μ g, Primary: Anti-GPX1 (orb5344) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 22 kD, Observed band size: 22 kD.

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