

Product Datasheet

Peroxiredoxin 1 Rabbit Polyclonal Antibody (orb6796)

Catalog Number	orb6796
Category	Antibodies
Description	Peroxiredoxin 1 Rabbit Polyclonal Antibody
Target	PRDX1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Canine, Equine, Porcine, Rabbit
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human PRDX1 (1-100/199aa)
UniProt ID	Q06830
RRID	AB_10937654

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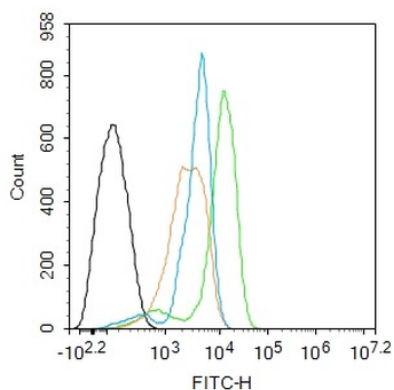
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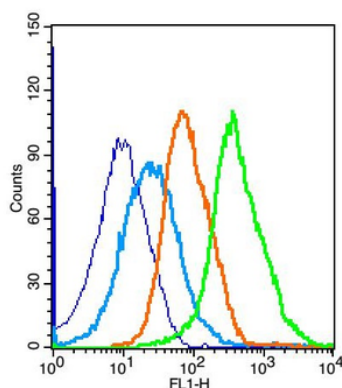
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MW	22 kDa
Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=2µg/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control: Hela. Primary Antibody (green line): Rabbit Anti-Peroxiredoxin 1 antibody (orb6796), dilution: 2 ug/Test, Secondary Antibody: Goat anti-rabbit IgG-FITC, dilution: 0.5 ug/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 room temperature. 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.



Blank control: mouse splenocytes (blue), Isotype Control Antibody: Rabbit IgG (orange), Secondary Antibody: Goat anti-rabbit IgG-FITC (white blue), dilution: 1:100 in 1X PBS containing 0.5% BSA, Primary Antibody, dilution: 1 µl in 100 µl 1X PBS containing 0.5% BSA (green).

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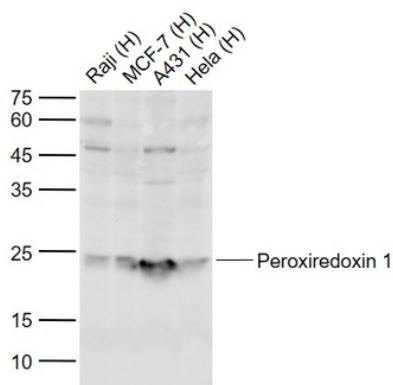
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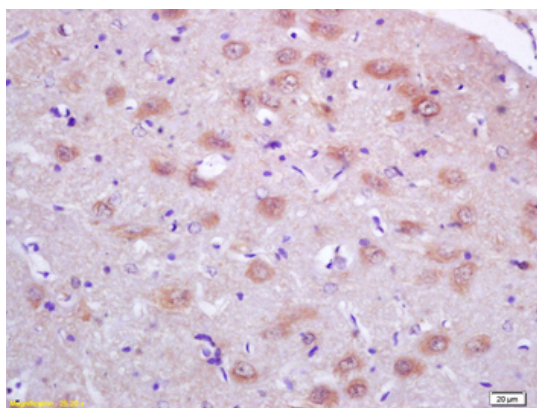
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Sample: Lane 1: Human Raji cell lysates, Lane 2: Human HeLa cell lysates, Lane 3: Human A431 cell lysates, Lane 4: Human HeLa cell lysates, Primary: Anti-Peroxiredoxin 1 (orb6796) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 22 kD, Observed band size: 23 kD.



Tissue/Cell: Rat brain, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-PRDX1 Polyclonal Antibody, Unconjugated (orb6796) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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