



## Peroxiredoxin 1 Monoclonal Antibody

Cat #: ABM40112

Size: 30µl /100µl /200µl

### Product Information

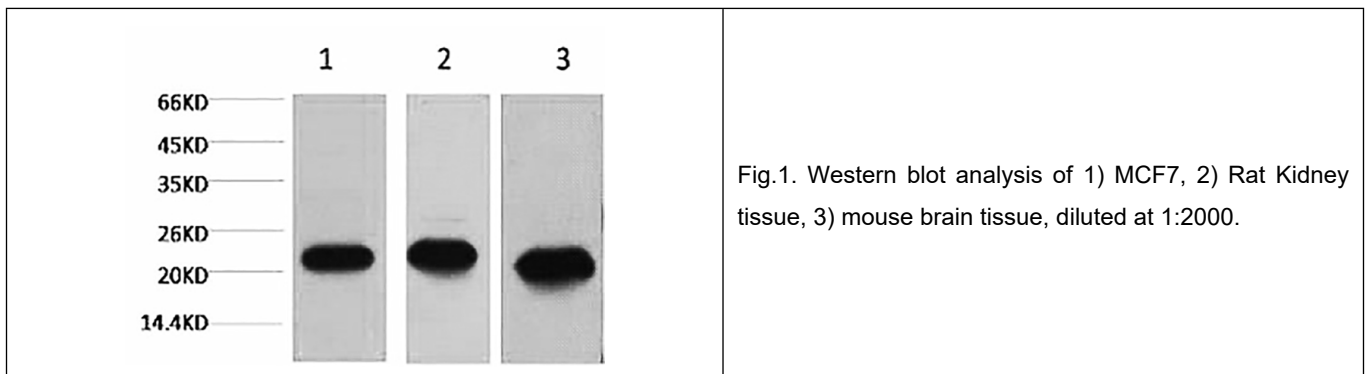
	<b>Product Name:</b> Peroxiredoxin 1 Monoclonal Antibody		
	<b>Applications:</b> WB, IHC-P, IF		<b>Isotype:</b> Mouse IgG1
	<b>Reactivity:</b> Human, Mouse, Rat		
<b>REF</b>	<b>Catalog Number:</b> ABM40112	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** PRDX1 encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. Peroxiredoxin 1 may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8 (+) T-cells. Peroxiredoxin 1 may have a proliferative effect and play a role in cancer development or progression. Four transcript variants encoding the same protein have been identified for PRDX1.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1000-1:3000), IF (1:100-1:200).

**Storage Buffer:** PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



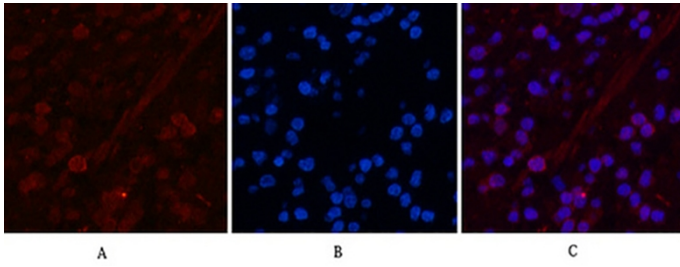


Fig.2. Immunofluorescence analysis of human appendix tissue. 1, Peroxiredoxin 1 Monoclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 Labeled secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B.

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