



Datasheet for ABIN389467

## anti-Peroxiredoxin 1 antibody (AA 88-116)



[Go to Product page](#)

### 4 Images

#### Overview

Quantity:	400 µL
Target:	Peroxiredoxin 1 (PRDX1)
Binding Specificity:	AA 88-116
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This PRDX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 88-116 amino acids from the Central region of human PRDX1.
Clone:	RB20885
Isotype:	Ig Fraction
Predicted Reactivity:	Ha, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

#### Target Details

Target:	Peroxiredoxin 1 (PRDX1)
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## Target Details

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Alternative Name:	PRDX1 ( <a href="#">PRDX1 Products</a> )
Background:	PRDX1 is a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. This protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression.
Molecular Weight:	22110
Gene ID:	5052
NCBI Accession:	<a href="#">NP_001189360</a> , <a href="#">NP_002565</a> , <a href="#">NP_859047</a> , <a href="#">NP_859048</a>
UniProt:	<a href="#">Q06830</a>
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">CXCR4-mediated Signaling Events</a>

## Application Details

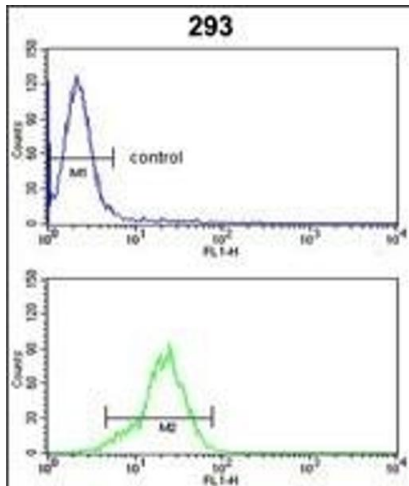
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Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

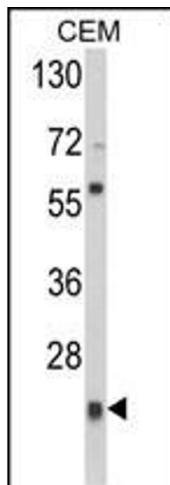
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



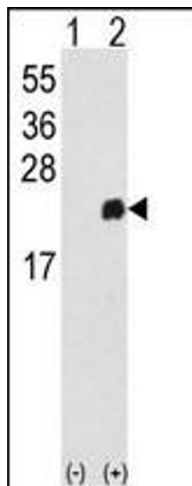
### Flow Cytometry

**Image 1.** PRDX1 Antibody (Center) (ABIN389467 and ABIN2839531) flow cytometric analysis of 293 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



### Western Blotting

**Image 2.** Western blot analysis of PRDX1 Antibody (Center) (ABIN389467 and ABIN2839531) in CEM cell line lysates (35 µg/lane). PRDX1 (arrow) was detected using the purified Pab.



### Western Blotting

**Image 3.** Western blot analysis of PRDX1 (arrow) using rabbit polyclonal PRDX1 Antibody (Center) (ABIN389467 and ABIN2839531). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the PRDX1 gene (Lane 2).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN389467.