

Mouse Peroxiredoxin 1 Monoclonal Antibody | anti-PRDX1 antibody

Peroxiredoxin 1 Mouse mAb

CATALOG # AAA276821	HOST Mouse	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Peroxiredoxin 1; Monoclonal Antibody; Peroxiredoxin 1 Mouse mAb; Hbp23; Heme binding 23kDa protein; Macrophage stress protein 22kDa; MSP23; NKEF A; Prdx1; anti-PRDX1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PRDX1 antibody	IF (Immunofluorescence), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

IF analysis of HeLa with EM1112(Left) and DAPI (Right) diluted at 1:100.



WB (Western Blot)

Western blot analysis of 1) MCF7, 2) Rat Kidney Tissue, 3) Mouse Brain Tissue with EM1112 diluted at 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX1 antibody	Peroxiredoxin-1 is a protein which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded 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. Three transcript variants encoding the same protein have been identified for this gene.
Product Categories/Family for anti-PRDX1 antibody	Cytoplasm

NCBI AND UNIPROT INFORMATION

NCBI GI #	548453
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NCBI GeneID	5052
UniProt Accession #	Q06830; P35703; Q2V576; Q5T154; Q5T155; B5BU26; D3DPZ8
Molecular Weight	199
NCBI Official Full Name	Peroxiredoxin-1
NCBI Official Synonym Full Names	peroxiredoxin 1
NCBI Official Symbol	PRDX1
NCBI Official Synonym Symbols	PAG; PAGA; PAGB; PRX1; PRXI; MSP23; NKEFA; TDPX2; NKEF-A
NCBI Protein Information	peroxiredoxin-1; thioredoxin peroxidase 2; proliferation-associated gene A; natural killer-enhancing factor A; proliferation-associated gene protein; natural killer cell-enhancing factor A; thioredoxin-dependent peroxide reductase 2
UniProt Protein Name	Peroxiredoxin-1
UniProt Gene Name	PRDX1
UniProt Synonym Gene Names	PAGA; PAGB; TDPX2; NKEF-A; PAG
UniProt Entry Name	PRDX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/peroxiredoxin-1-antibody-immunofluorescence-western-blot-elisa/276821>