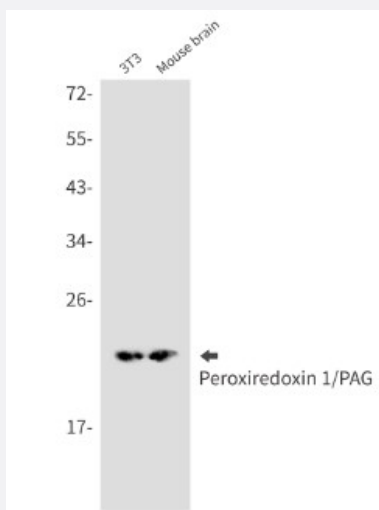


RecomAb™

# PRDX1 recombinant monoclonal antibody, clone R04-0H5

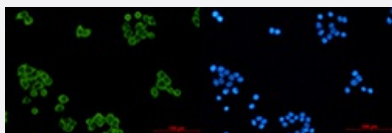
Catalog # RAB01388      Size 100 uL

## Applications



### Western Blot

Western Blot analysis of 3T3, mouse brain lysates with PRDX1 recombinant monoclonal antibody, clone R04-0H5 (Cat # RAB01388).



### Immunocytochemistry

Immunocytochemistry analysis of Peroxiredoxin 1 (green) in Hela using Peroxiredoxin 1 antibody, and DAPI (blue).

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human PRDX1.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against recombinant protein corresponding to human PRDX1.
<b>Theoretical MW (kDa)</b>	Calculated MW: 22 kD

Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western Blot analysis of 3T3, mouse brain lysates with PRDX1 recombinant monoclonal antibody, clone R04-0H5 (Cat # RAB01388).

- Immunocytochemistry

Immunocytochemistry analysis of Peroxiredoxin 1 (green) in Hela using Peroxiredoxin 1 antibody, and DAPI (blue).

- Immunofluorescence

- Immunoprecipitation

## Gene Info — PRDX1

Entrez GeneID	<a href="#">5052</a>
Protein Accession#	<a href="#">Q06830</a>
Gene Name	PRDX1
Gene Alias	MSP23, NKEFA, PAG, PAGA, PAGB, PRX1, PRXI, TDPX2

Gene Description	peroxiredoxin 1
Omim ID	<a href="#">176763</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, 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. [provided by RefSeq]
Other Designations	OTTHUMP00000009234 natural killer-enhancing factor A proliferation-associated gene A thioredoxin-dependent peroxide reductase 2

## Disease

- [Alzheimer disease](#)
- [Cognition](#)