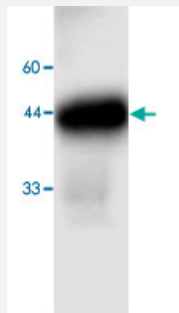


PRDX5 monoclonal antibody, clone 9g056

Catalog # MAB8843

Size 100 uL

Applications



Western Blot (Recombinant protein)

Western blot analysis in PRDX5 recombinant protein with PRDX5 monoclonal antibody, clone 9g056 (Cat # MAB8843) at 1 : 1000 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant PRDX5.
Amount	100 uL
Immunogen	Recombinant protein corresponding to full length human PRDX5.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes recombinant protein PRDX5.
Form	Liquid
Purification	Affinity purification
Concentration	1 ug/uL
Isotype	IgG1
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer In citrate-Tris-HCl, pH7.0 (0.02% Proclin 300)

Storage Instruction Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

Western blot analysis in PRDX5 recombinant protein with PRDX5 monoclonal antibody, clone 9g056 (Cat # MAB8843) at 1 : 1000 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PRDX5

Entrez GeneID [25824](#)

Protein Accession# [NM_012094.3](#)

Gene Name PRDX5

Gene Alias ACR1, AOEB166, B166, MGC117264, MGC142283, MGC142285, PLP, PMP20, PRDX6, PRX V, SBB110

Gene Description peroxiredoxin 5

Omim ID [606583](#)

Gene Ontology [Hyperlink](#)

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 different tissues under normal conditions and during inflammatory processes. This protein interacts with peroxisome receptor 1. The crystal structure of this protein in its reduced form has been resolved to 1.5 angstrom resolution. This gene uses alternate in-frame translation initiation sites to generate mitochondrial or peroxisomal/cytoplasmic forms. Three transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations Alu co-repressor 1|TPx type VI|antioxidant enzyme B166|liver tissue 2D-page spot 71B|peroxisomal antioxidant enzyme|thioredoxin peroxidase PMP20

Disease

- [Alopecia Areata](#)
- [Alzheimer disease](#)
- [Autoimmune Diseases](#)
- [Cognition](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)