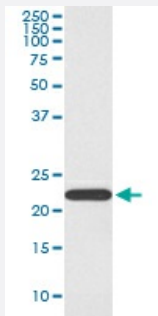


PRDX1 monoclonal antibody, clone IIG-16

Catalog # MAB20617 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of K-562 cell lysates using PRDX1 monoclonal antibody, clone IIG-16.

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human PRDX1.

Immunogen A synthetic peptide corresponding to human PRDX1.

Host Rabbit

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Flow Cytometry (1:50)
- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Western Blot (1:1000-1:2000)
- The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 (Cell lysate)

Western Blot analysis of K-562 cell lysates using PRDX1 monoclonal antibody, clone IIG-16.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

Gene Info — PRDX1

Entrez GeneID[5052](#)**Protein Accession#**[Q06830](#)**Gene Name**

PRDX1

Gene Alias

MSP23, NKEFA, PAG, PAGA, PAGB, PRX1, PRXI, TDPX2

Gene Description

peroxiredoxin 1

Omim ID[176763](#)**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 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](#)