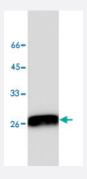


PRDX6 monoclonal antibody, clone 5

Catalog # MAB9907 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa whole cell lystae with PRDX6 monoclonal antibody, clone 5 (Cat # MAB9907) at 1:1000 dilution.

Specification	
Product Description	Mouse monoclonal antibody raised against full length recombinant PRDX6.
Immunogen	Recombinant protein corresponding to full length human PRDX6.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	lgG1
Recommend Usage	Western blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Citrate-Tris-HCl buffer, pH 7.0 (0.02% Proclin 300)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.



Applications

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Enzyme-linked Immunoabsorbent Assay

Gene Info — PRDX6	
Entrez GenelD	9588
GeneBank Accession#	NM_004905.2
Protein Accession#	NP_004896.1
Gene Name	PRDX6
Gene Alias	1-Cys, AOP2, KIAA0106, MGC46173, NSGPx, PRX, aiPLA2, p29
Gene Description	peroxiredoxin 6
Omim ID	602316
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H(2)O(2) and short chain organic, fatty acid, and phospholipid hydroperoxide s. It may play a role in the regulation of phospholipid turnover as well as in protection against oxid ative injury. [provided by RefSeq
Other Designations	1-Cys peroxiredoxin OTTHUMP00000032693 acidic calcium-independent phospholipase A2 anti oxidant protein 2 non-selenium glutathione peroxidase

Pathway

- Biosynthesis of phenylpropanoids
- Metabolic pathways
- Methane metabolism
- Phenylalanine metabolism
- Phenylpropanoid biosynthesis



Tropane

Disease

- Coronary Artery Disease
- Genetic Predisposition to Disease
- Obesity