

Product datasheet for TA813656M

Peroxiredoxin 6 (PRDX6) Mouse Monoclonal Antibody [Clone ID: OT13A4]

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OT13A4 |
| Applications: | WB |
| Recommended Dilution: | WB 1:500-1000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human Prdx6 (NP_004896) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 25 kDa |
| Gene Name: | peroxiredoxin 6 |
| Database Link: | NP_004896 Entrez Gene 11758 Mouse Entrez Gene 94167 Rat Entrez Gene 9588 Human P30041 |
| Background: | 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 hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury. [provided by RefSeq, Jul 2008]. |

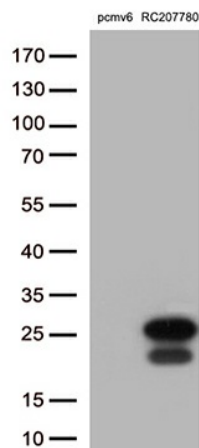

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Synonyms: 1-Cys; aiPLA2; AOP2; HEL-S-128m; LPCAT-5; NSGPx; p29; PRX

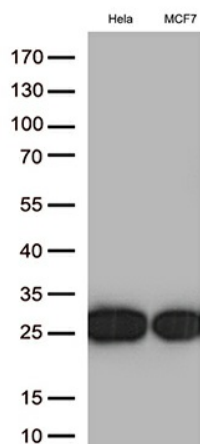
Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Methane metabolism, Phenylalanine metabolism

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PRDX6 ([RC207780], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PRDX6.(1:1000)



Western blot analysis of extracts (35ug) from 2 cell lines lysates by using anti-PRDX6 monoclonal antibody. (1:500)