

PRDX1 Monoclonal Antibody

Catalog Number: E-AB-22067



Note: Centrifuge before opening to ensure complete recovery of vial contents.

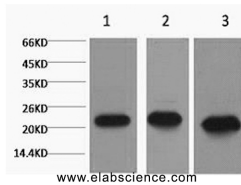
Description

Reactivity	Human, Mouse, Rat
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG
Clone	Clone: 2J5
Purification	Protein A purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications Recommended Dilution

WB	1:500-1:3000
IHC	1:50-1:300
IF	1:100-1:200

Data

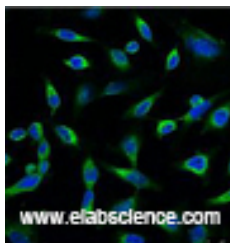


Western Blot analysis of 1) MCF7, 2) Rat kidney, 3) Mouse brain using PRDX1 Monoclonal Antibody at dilution of 1:2000.

Observed Mw: 21kDa



Immunohistochemistry of paraffin-embedded Human uterus cancer tissue using PRDX1 Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of HeLa tissue using PRDX1 Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Involved in redox regulation of the cell. Reduces peroxides with reducing equivalents provided through the thioredoxin

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system but not from glutaredoxin. May play an important role in eliminating peroxides generated during metabolism. Might participate in the signaling cascades of growth factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H₂O₂. Reduces an intramolecular disulfide bond in GTPD5 that gates the ability to GTPD5 to drive postmitotic motor neuron differentiation.

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