

PRDX1 Monoclonal Antibody

Catalog No. E-AB-22067

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

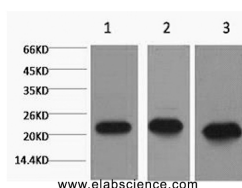
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	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

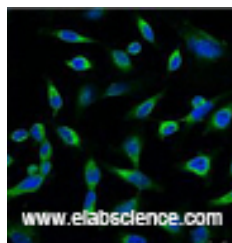


Western Blot analysis of 1) MCF7, 2) Rat kidney, 3) Mouse brain using PRDX1 Monoclonal Antibody at dilution of 1:2000.

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.

For Research Use Only

Background

Involved in redox regulation of the cell. Reduces peroxides with reducing equivalents provided through the thioredoxin 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 GDPD5 that gates the ability to GDPD5 to drive postmitotic motor neuron differentiation.

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