

PRDX1 Monoclonal Antibody

catalog number: E-AB-22067

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

Description

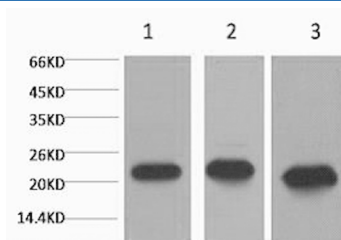
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG
Clone	2J5
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications

Recommended Dilution

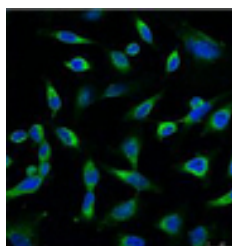
WB	1:500-1:3000
IHC	1:50-1:300
IF	1:100-1:200

Data

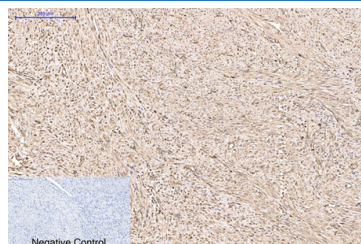


Western Blot analysis of 1) MCF7, 2) Rat kidney, 3) Mouse brain using PRDX1 Monoclonal Antibody at dilution of 1:2000.

Observed-MW:21 kDa



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



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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- α by regulating the intracellular concentrations of H_2O_2 . Reduces an intramolecular disulfide bond in GPD5 that gates the ability to GPD5 to drive postmitotic motor neuron differentiation.