

## PEROXIREDOXIN 1 (6A6) MOUSE MAB

**Cat.#:** N261278

**Product Name:** Anti-Peroxiredoxin 1 (6A6) Mouse Monoclonal Antibody

**Synonyms:** PRDX1; PAGA; PAGB; TDPX2; Peroxiredoxin-1; Natural killer cell-enhancing factor A; NKEF-A; Proliferation-associated gene protein; PAG; Thioredoxin peroxidase 2; Thioredoxin-dependent peroxide reductase 2

**UNIPROT ID:** Q06830

**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 H<sub>2</sub>O<sub>2</sub>.

**Immunogen:** Recombinant Protein of Peroxiredoxin-1

**Applications:** WB, IHC-F, IHC-P, ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 6A6-4H3-7A3

**MW:** Calculated MW: 22 kDa; Observed MW: 22 kDa

**Isotype:** IgG1

**Purification:** Affinity Purified

**Species Reactivity:** Human, Mouse, Rat

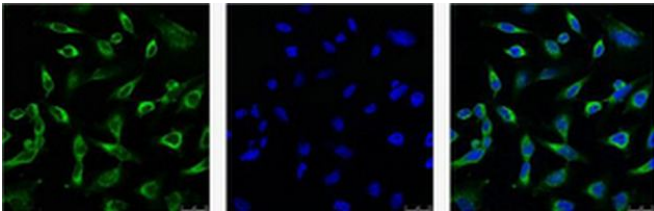
**Conjugation:** Unconjugated

**Modification:** Unmodified

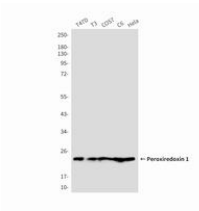
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cell Biology

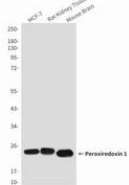
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



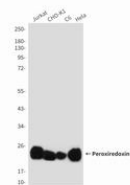
Immunofluorescence analysis of Peroxiredoxin 1 (6A6) in HeLa using Peroxiredoxin 1 (6A6) antibody (left), and DAPI (blue).



Western blot analysis of Prdx 1 in T47D, 3T3, COS7, C6 and HeLa lysates using Prdx 1 antibody.



Western blot analysis of Peroxiredoxin 1 (6A6) in MCF-7, rat Kidney, mouse Brain lysates using Peroxiredoxin 1 (6A6) antibody.



Western blot analysis of Peroxiredoxin 1 (6A6) in urkat, CHO-K1, C6, HeLa lysates using Peroxiredoxin 1 (6A6) antibody