

## PEROXIREDOXIN 1 RABBIT MAB

**Cat.#:** N263487

**Product Name:** Anti-Peroxiredoxin 1 Rabbit 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:** A synthetic peptide of human Peroxiredoxin 1/PAG

**Applications:** WB, ICC/IF, IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R04-0H5

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

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human, Mouse

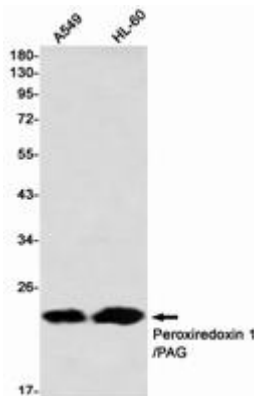
**Conjugation:** Unconjugated

**Modification:** Unmodified

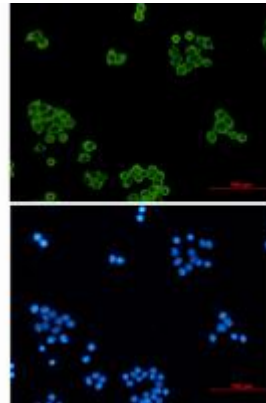
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cell Biology

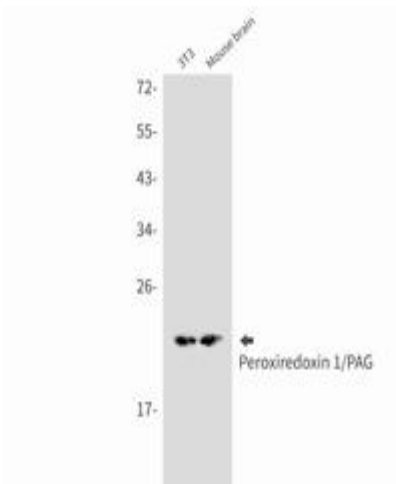
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Peroxiredoxin 1/PAG in A549, HL-60 lysates using Peroxiredoxin 1/PAG antibody



Immunocytochemistry analysis of Peroxiredoxin 1 (green) in Hela using Peroxiredoxin 1 antibody, and DAPI (blue).



Western blot analysis of Peroxiredoxin 1/PAG in 3T3, mouse brain lysates using Peroxiredoxin 1/PAG antibody.