

## PEROXIREDOXIN 3 RABBIT MAB

**Cat.#:** N263489

**Product Name:** Anti-Peroxiredoxin 3 Rabbit Monoclonal Antibody

**Synonyms:** PRDX3; AOP1; Thioredoxin-dependent peroxide reductase; mitochondrial; Antioxidant protein 1; AOP-1; HBC189; Peroxiredoxin III; Prx-III; Peroxiredoxin-3; Protein MER5 homolog

**UNIPROT ID:** P30048

**Background:** Involved in redox regulation of the cell. Protects radical-sensitive enzymes from oxidative damage by a radical-generating system. Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol.

**Immunogen:** A synthetic peptide of human Peroxiredoxin 3/PRDX3

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

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R07-313

**MW:** Calculated MW: 28 kDa; Observed MW: 28 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human

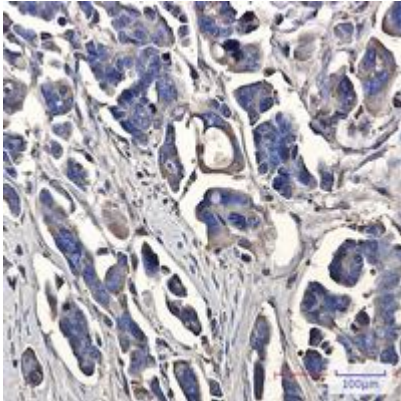
**Conjugation:** Unconjugated

**Modification:** Unmodified

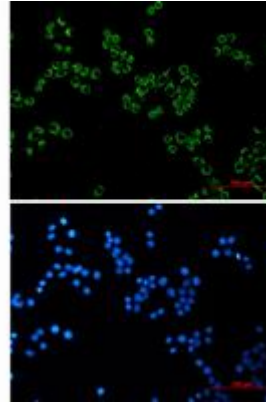
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

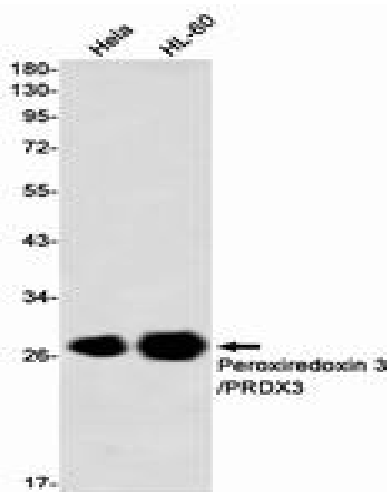
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using Peroxiredoxin 3/PRDX3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of Peroxiredoxin 3 (green) in Hela using Peroxiredoxin 3 antibody, and DAPI (blue).



Western blot analysis of Peroxiredoxin 3/PRDX3 in Hela, HL-60, lysates using Peroxiredoxin 3/PRDX3 antibody.