

Peroxiredoxin 1 (6A6) monoclonal antibody

Catalog: MB3234

Host: Mouse

Reactivity: Human, Mouse, Rat

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.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 22 kDa; Observed MW: 22 kDa

Swiss-Prot:

Q06830

Purification&Purity:

Affinity Purified

Applications:

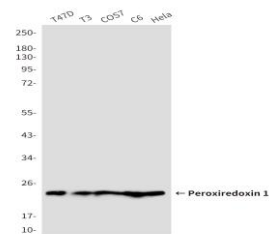
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Storage&Stability:

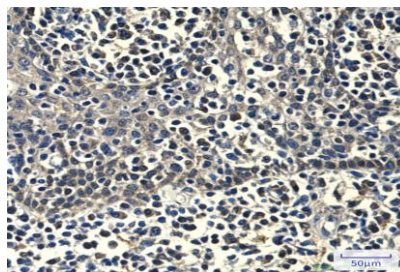
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

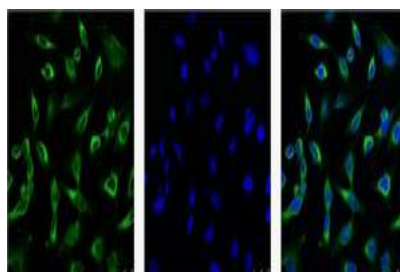
IgG1

DATA:

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



Immunofluorescence analysis of Peroxiredoxin 1 in HeLa using Peroxiredoxin 1 antibody, and DAPI.



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

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

Note:

For research use only, not for use in diagnostic procedure.

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