

## Peroxiredoxin 1 monoclonal antibody

Catalog: MB12185

Host: Rabbit

Reactivity: Human, Mouse

### 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  $H_2O_2$ .

### Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 22 kDa; Observed MW: 22 kDa

### Swiss-Prot:

Q06830

### Purification&Purity:

Affinity Purified

### Applications:

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

### Storage&Stability:

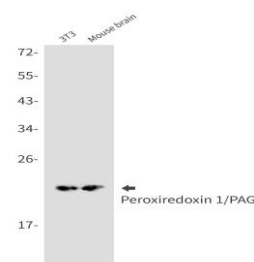
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Immunocytochemistry analysis of Peroxiredoxin 1 in Hela using Peroxiredoxin 1 antibody, and DAPI.

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

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

### Note:

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

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogol.com](mailto:info@biogol.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151