

Peroxiredoxin 1 Mouse Monoclonal Antibody

Catalog No: #38055

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Description

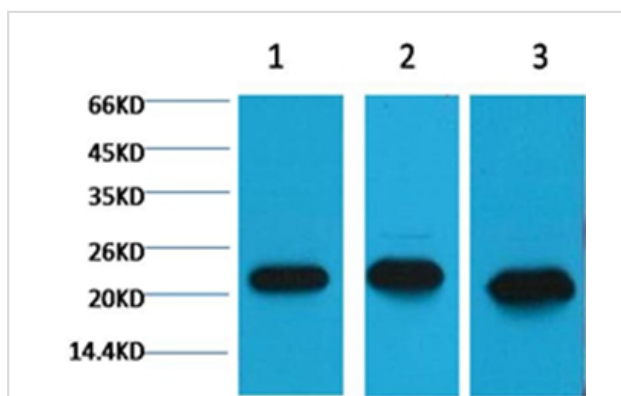
Product Name	Peroxiredoxin 1 Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	Affinity purification using immunogen.
Applications	WB IF
Species Reactivity	Hu Rt Ms
Specificity	The Peroxiredoxin 1 Antibody detects endogenous Peroxiredoxin 1 protein.
Target Name	Peroxiredoxin 1
Other Names	MSP23; Natural killer cell-enhancing factor A; natural killer-enhancing factor A; NKEF-A; NKEFA; PAG; PAGA; PAGB
Accession No.	Swiss-Prot#:Q06830
SDS-PAGE MW	21kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000~1:3000

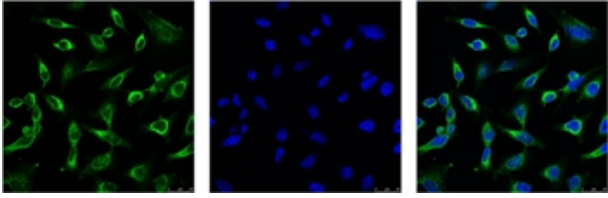
Immunofluorescence: 1:100-200

Images



Western blot analysis of 1) MCF7, 2) Rat Kidney Tissue, 3) Mouse Brain Tissue, using #38055 diluted at 1:2000.

IF analysis of Hela with #38055(Left) and DAPI (Right) diluted at 1:100.



Background

Peroxiredoxin-1 is a protein which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression. Three transcript variants encoding the same protein have been identified for this gene.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.