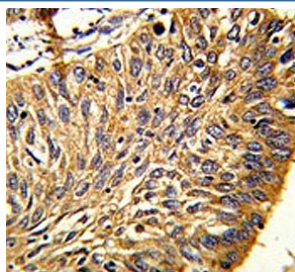


PRDX3 Antibody / Peroxiredoxin 3 (F54798)

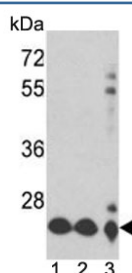
Catalog No.	Formulation	Size
F54798-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54798-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

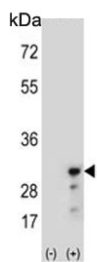
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P30048
Localization	Cytoplasmic
Applications	Western Blot : 1:500-1:1000 Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:50-1:100
Limitations	This PRDX3 antibody is available for research use only.



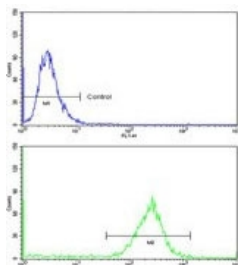
IHC testing of FFPE human lung carcinoma tissue with PRDX3 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human 1) NCI-H460, 2) MDA-MB-231 and 3) HepG2 cell lysate with PRDX3 antibody. Predicted molecular weight ~28 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with PRDX3 antibody.



Flow cytometry testing of human MDA-MB-468 cells with PRDX3 antibody; Blue=isotype control, Green= PRDX3 antibody.

Description

PRDX3 is a protein with antioxidant function and is localized in the mitochondrion. This protein is involved in redox regulation of the cell and Protects radical-sensitive enzymes from oxidative damage by a radical-generating system. It acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol.

Application Notes

The stated application concentrations are suggested starting points. Titration of the PRDX3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 66-94 from the human protein was used as the immunogen for the PRDX3 antibody.

Storage

Aliquot the PRDX3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.