

For Research Use Only

PRDX3 Monoclonal antibody

Catalog Number: 66810-1-Ig

Featured Product

2 Publications



Basic Information

Catalog Number:

66810-1-Ig

GenBank Accession Number:

BC007062

Purification Method:

Protein A purification

Size:

150ul, Concentration: 1700 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;

GeneID (NCBI):

10935

CloneNo.:

1F7F7

UNIPROT ID:

P30048

Recommended Dilutions:

WB 1:20000-1:100000

IHC 1:1000-1:4000

IF/ICC 1:850-1:3400

Source:

Mouse

Full Name:

peroxiredoxin 3

Isotype:

IgG2a

Calculated MW:

27 kDa

Immunogen Catalog Number:

AG1062

Observed MW:

28 kDa

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Positive Controls:

WB : HeLa cells, HEK-293 cells, MCF-7 cells, Jurkat cells

Cited Applications:

WB

IHC : human liver cancer tissue,

Species Specificity:

human

IF/ICC : HepG2 cells,

Cited Species:

rat, pig

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Notable Publications

Author	Pubmed ID	Journal	Application
Yanan Chen	34648904	Free Radic Biol Med	WB
Yan Liu	38417317	Ecotoxicol Environ Saf	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

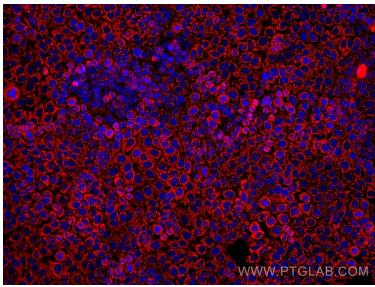
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

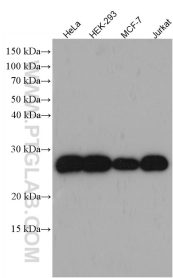
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

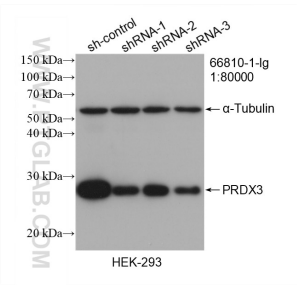
Selected Validation Data



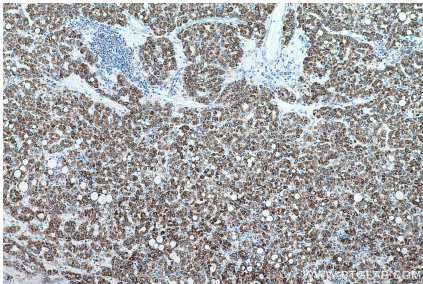
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PRDX3 antibody (66810-1-Ig, Clone: 1F7F7) at dilution of 1:1700 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004).



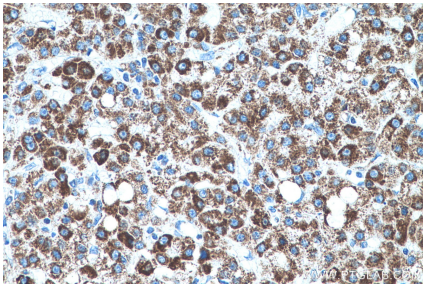
Various lysates were subjected to SDS PAGE followed by western blot with 66810-1-Ig (PRX3 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



WB result of PRDX3 antibody (66810-1-Ig; 1:80000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PRDX3 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66810-1-Ig (PRX3 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66810-1-Ig (PRX3 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).