

For Research Use Only

PRDX3 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 66810-1-PBS

Featured Product



Basic Information

Catalog Number: 66810-1-PBS	GenBank Accession Number: BC007062	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 10935	CloneNo.: 1F7F7
Source: Mouse	UNIPROT ID: P30048	
Isotype: IgG2a	Full Name: peroxiredoxin 3	
Immunogen Catalog Number: AG1062	Calculated MW: 27 kDa	
	Observed MW: 28 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

66810-1-PBS targets PRDX3 as part of a matched antibody pair.

MP50218-2: 66810-1-PBS capture and 66810-2-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

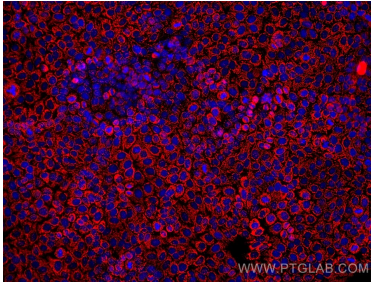
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

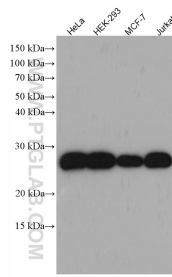
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

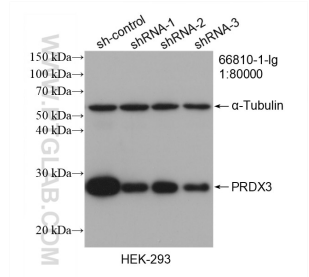
Selected Validation Data



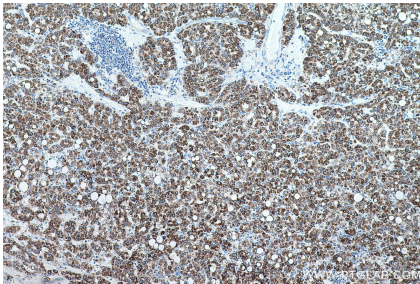
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PRDX3 antibody (66810-1-Ig, Clone: 1F7F7) at dilution of 1:1700 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004). This data was developed using the same antibody clone with 66810-1-PBS in a different storage buffer formulation.



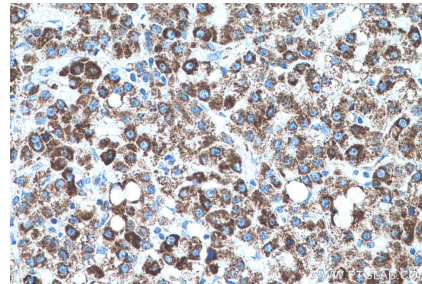
Various lysates were subjected to SDS PAGE followed by western blot with 66810-1-Ig (PRX3 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66810-1-PBS in a different storage buffer formulation.



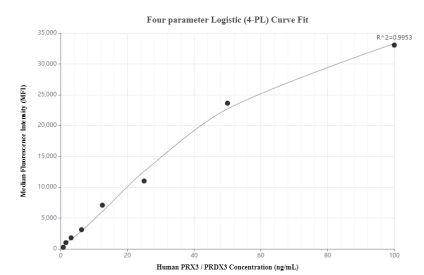
WB result of PRDX3 antibody (66810-1-Ig; 1:80000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PRDX3 transfected HEK-293 cells. This data was developed using the same antibody clone with 66810-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66810-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66810-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50218-2, PRDX3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66810-1-PBS. Detection antibody: 66810-2-PBS. Standard: Ag1062. Range: 0.781-100 ng/mL.