

For Research Use Only

GPX4 Recombinant antibody, PBS Only (Detector)

Catalog Number: 82949-2-PBS

1 Publications



Basic Information

Catalog Number: 82949-2-PBS	GenBank Accession Number: BC022071	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2879	CloneNo.: 230168B5
Source: Rabbit	UNIPROT ID: P36969	
Isotype: IgG	Full Name: glutathione peroxidase 4 (phospholipid hydroperoxidase)	
Immunogen Catalog Number: AG5809	Calculated MW: 22 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Cited Applications:
WB, IF

Species Specificity:
human

Product Information

82949-2-PBS targets GPX4 as part of a matched antibody pair:

MP00049-2: 82949-3-PBS capture and 82949-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Lin Luo	39667244	Tissue Cell	WB,IF

Storage

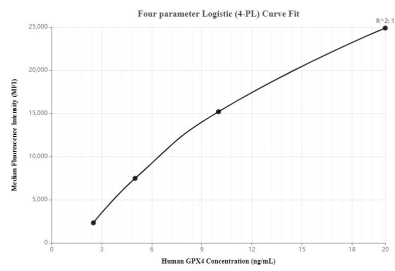
Storage:
Store at -80°C.

Storage Buffer:
100% PBS pH 7.3

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



Cytometric bead array standard curve of MP00049-2, GPX4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82949-3-PBS. Detection antibody: 82949-2-PBS. Standard: Ag5809. Range: 2.5-20 ng/mL.