

For Research Use Only

GPX4 Recombinant antibody, PBS Only (Detector)



Catalog Number: 82949-1-PBS

Basic Information

Catalog Number:

82949-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5809

GenBank Accession Number:

BC022071

GeneID (NCBI):

2879

UNIPROT ID:

P36969

Full Name:

glutathione peroxidase 4
(phospholipid hydroperoxidase)

Calculated MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

230168A8

Applications

Tested Applications:

Cytometric bead array, ELISA

Species Specificity:

Human

Background Information

GPX4 (Phospholipid hydroperoxide glutathione peroxidase, mitochondrial) protects cells against membrane lipid peroxidation and cell death. Required for normal sperm development and male fertility. It has two isoforms about 20KDa and 22KDa, respectively. GPX4 is a monomer, but it has a tendency to form higher mass oligomers (PMID:17630701). It presents primarily in testis.

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:

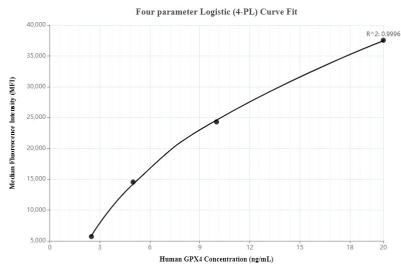
T: 4006900926

E: Proteintech-CN@ptglab.com

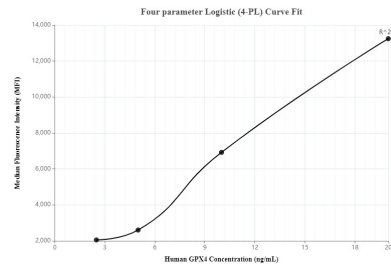
W: ptgcn.com

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Selected Validation Data



Standard curve of MP00049-1 measured by cytometric bead array. Capture antibody: 82949-3-PBS. Detection antibody: 82949-1-PBS. Range: 2.5-20 ng/mL



Standard curve of MP00049-3 measured by cytometric bead array. Capture antibody: 82949-4-PBS. Detection antibody: 82949-1-PBS. Range: 2.5-20 ng/mL