For Research Use Only

Mouse Igfbp4 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:88373-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
88373-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG10275

GenBank Accession Number:
NM_010517.4

GeneID (NCBI):
16010

UNIPROT ID:
P47879

Full Name:
insulin-like growth factor binding protein 4

Calculated MW:
28 kDa

Purification Method:
Protein A purification

CloneNo.:
260983D11

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

Product Information

88373-2-PBS targets Igfbp4 as part of a matched antibody pair:

MP03501-1: 88373-3-PBS capture and 88373-2-PBS detection (validated in Cytometric bead array)

MP03501-2: 88373-4-PBS capture and 88373-2-PBS detection (validated in Sandwich ELISA)

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.

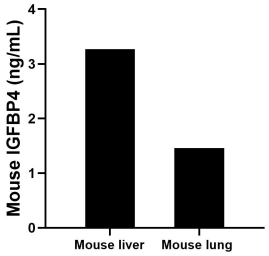
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

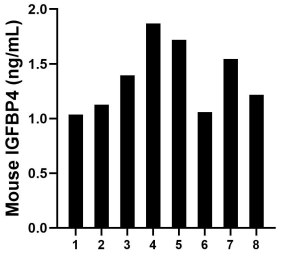
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

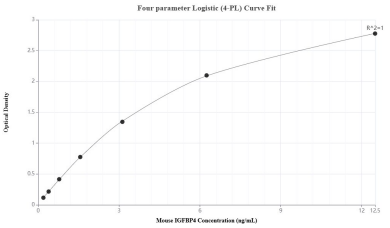
Selected Validation Data



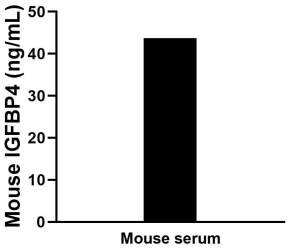
The mean IGFBP4 concentration was determined to be 3.27 ng/mL in mouse liver tissue extract based on a 1.2 mg/mL extract load and 1.46 ng/mL in mouse lung tissue extract based on a 5.0 mg/mL extract load.



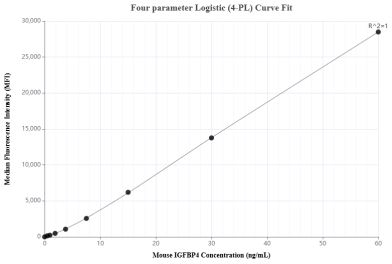
Serum of eight mice was measured. The mouse IGFBP4 concentration of detected samples was determined to be 1.37 ng/mL with a range of 1.04-1.87 ng/mL.



Sandwich ELISA standard curve of MP03501-2, Mouse IGFBP4 Recombinant Matched Antibody Pair - PBS only. 88373-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg10275. 88373-2-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL



The mean IGFBP4 concentration was determined to be 44.2 ng/mL in mouse serum.



Cytometric bead array standard curve of MP03501-1, MOUSE IGFBP4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88373-3-PBS. Detection antibody: 88373-2-PBS. Standard: Eg10275. Range: 0.469-60 ng/mL.