

For Research Use Only

Mouse Adiponectin Recombinant antibody, PBS Only (Capture)



Catalog Number:83070-6-PBS

Basic Information

Catalog Number:

83070-6-PBS

Size:

1mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_009605

GeneID (NCBI):

11450

UNIPROT ID:

Q60994

Full Name:

adiponectin, C1Q and collagen domain containing

Calculated MW:

27kd

Purification Method:

Protein A purification

CloneNo.:

230258H5

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

mouse

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

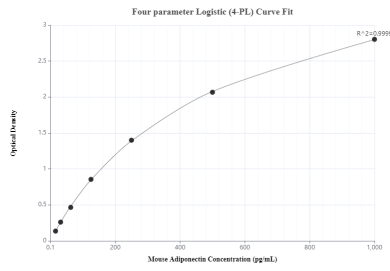
T: 4006900926

E: Proteintech-CN@ptglab.com

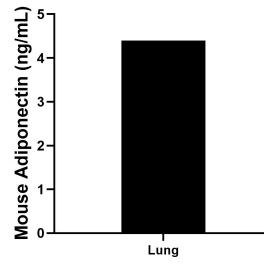
W: ptgcn.com

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

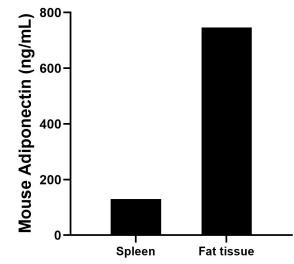
Selected Validation Data



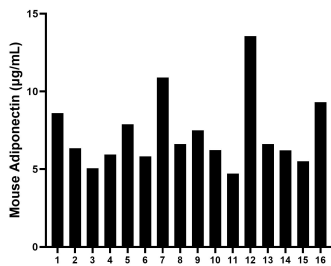
Sandwich ELISA standard curve of MP00039-3, MOUSE Adiponectin Recombinant Matched Antibody Pair - PBS only. 83070-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0262. 83070-3-PBS was HRP conjugated as the detection antibody. Range:15.6-1000pg/mL



lungs from one mouse were chopped into 1-2 mm pieces and seeded into approximately 30 mL of media containing RPMI, 10% fetal bovine serum, 50 μ M β -mercaptoethanol, and L-glutamine. The mean Adiponectin concentration was determined to be 4.4 ng/mL in lung cell culture supernatant.



Organs from 2 mice were rinsed with PBS to remove excess blood, chopped into 1-2 mm pieces, homogenized in 5-10 mL of PBS in a tissue homogenizer, and stored at $\leq -80^{\circ}\text{C}$ 5 min. After two freeze-thaw cycles were performed to break the cell membranes, the homogenates were centrifuged for 5 minutes at 5000 x g to remove particulate. The mean Adiponectin concentration was determined to be 130.21 ng/mL in spleen homogenates, 745.9 ng/mL in fat tissue homogenates.



Serum of sixteen mice was measured. The Adiponectin concentration of detected samples was determined to be 7.30 $\mu\text{g/mL}$ with a range of 4.72-13.56 $\mu\text{g/mL}$.