For Research Use Only

# Mouse Clusterin Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:88846-4-PBS

proteintech®
Antibodies | ELISA kits | Proteins
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## Basic Information

Catalog Number:
88846-4-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG9550

GenBank Accession Number:
NM_001422221.1

GeneID (NCBI):
12759

UNIPROT ID:
Q06890

Full Name:
clusterin

Calculated MW:
52 kDa

Purification Method:
Protein A purification

CloneNo.:
261850H1

## Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

## Product Information

88846-4-PBS targets Clusterin as part of a matched antibody pair:

MP03697-2: 88846-3-PBS capture and 88846-4-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.

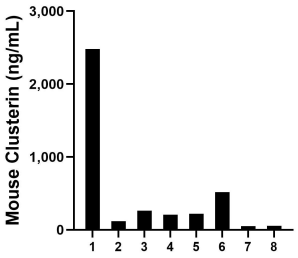
## Storage

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

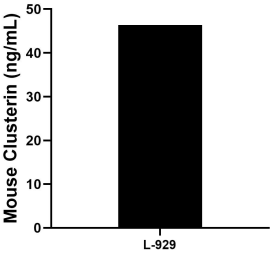
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

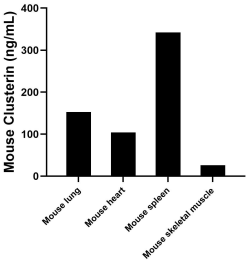
## Selected Validation Data



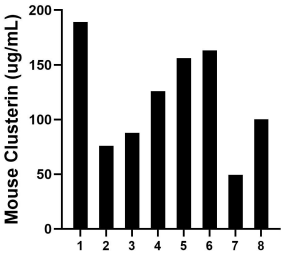

Urine of eight mice was measured. The Clusterin concentration of detected samples was determined to be 489.05 ng/mL with a range of 49.0-2,482.4 ng/mL.



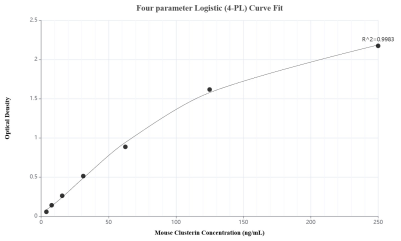

The mean Clusterin concentration was determined to be 46.34 ng/mL in L-929 cell culture supernatant.




The mean Clusterin concentration was determined to be 152.67 ng/mL in mouse lung tissue extract based on a 5.00 mg/mL extract load, 104.10 ng/mL in mouse heart tissue extract based on a 5.40 mg/mL extract load, 341.85 ng/mL in mouse spleen tissue extract based on a 7.60 mg/mL extract load and 26.30 ng/mL in mouse skeletal muscle tissue extract based on a 4.10 mg/mL extract load.




Serum of eight mice was measured. The Clusterin concentration of detected samples was determined to be 118.44 ug/mL with a range of 49.33-189.27 ug/mL.




Sandwich ELISA standard curve of MP03697-2, Mouse Clusterin Recombinant Matched Antibody Pair - PBS only. 88846-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9550. 88846-4-PBS was HRP conjugated as the detection antibody. Range: 3.91-250 ng/mL.