For Research Use Only

Mouse Clusterin Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:88846-3-PBS

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

Basic Information

Catalog Number:
88846-3-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.:
261850F1

Applications

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

Species Specificity:
mouse

Product Information

88846-3-PBS targets Clusterin as part of a matched antibody pair:

MP03697-1: 88846-3-PBS capture and 88846-2-PBS detection (validated in Cytometric bead array)

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.

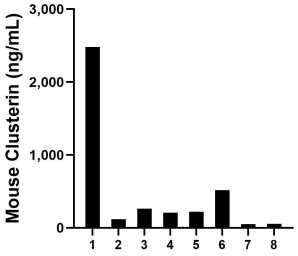
Storage

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

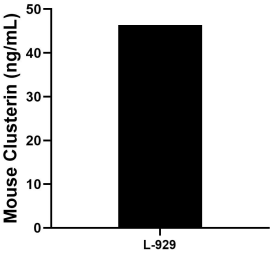
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

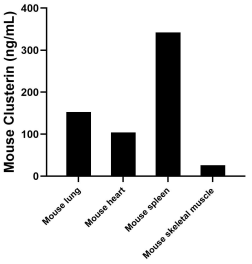
Selected Validation Data



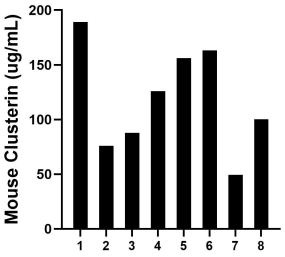
Urine of eight mice was measured. The Clusterin concentration of detected samples was determined to be 489.05 ng/mL with a range of 49.0-2,482.4 ng/mL.



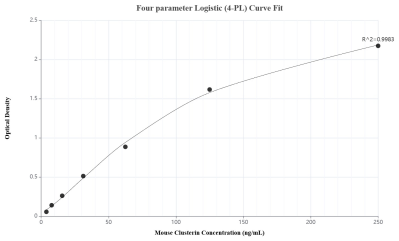
The mean Clusterin concentration was determined to be 46.34 ng/mL in L-929 cell culture supernatant.



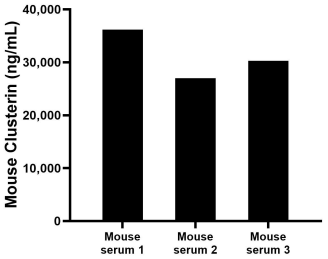
The mean Clusterin concentration was determined to be 152.67 ng/mL in mouse lung tissue extract based on a 5.00 mg/mL extract load, 104.10 ng/mL in mouse heart tissue extract based on a 5.40 mg/mL extract load, 341.85 ng/mL in mouse spleen tissue extract based on a 7.60 mg/mL extract load and 26.30 ng/mL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



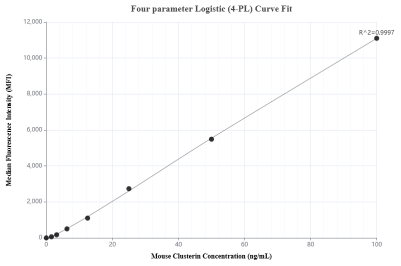
Serum of eight mice was measured. The Clusterin concentration of detected samples was determined to be 118.44 ug/mL with a range of 49.33-189.27 ug/mL.



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.



The mean Clusterin concentration was determined to be 36181.7 ng/mL in mouse serum 1, 26998.3 ng/mL in mouse serum 2, 30279.5 ng/mL in mouse serum 3.



Cytometric bead array standard curve of MP03697-1, MOUSE Clusterin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88846-3-PBS. Detection antibody: 88846-2-PBS. Standard: Eg9550. Range: 1.562-100 ng/mL.