For Research Use Only

Mouse Clusterin Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03697-2

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

Capture Antibody Information

Catalog Number:
88846-3-PBS

Clone ID:
261850F1

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
clusterin

Isotype:
IgG

Immunogen Catalog Number:
Eg9550

Gene ID:
12759

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
88846-4-PBS

Clone ID:
261850H1

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
clusterin

Isotype:
IgG

GenBank:
NM_001422221.1

Gene ID:
12759

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg9550

Applications

Tested Applications:
Sandwich ELISA

Range:
3.91-250 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03697-2 targets Clusterin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Clusterin Recombinant monoclonal antibody, PBS Only (Capture) 88846-3-PBS (261850F1). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse Clusterin Recombinant monoclonal antibody, PBS Only (Detector) 88846-4-PBS (261850H1). 100 µg. Concentration 1 mg/ml.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

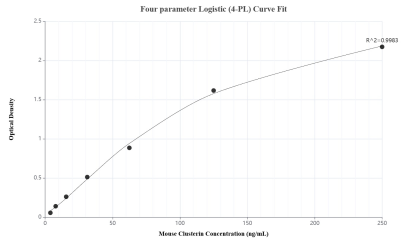
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

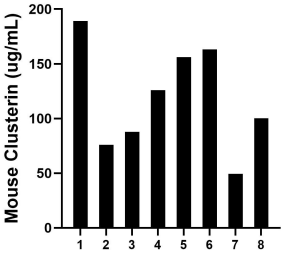
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

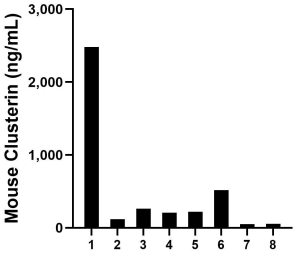
Selected Validation Data



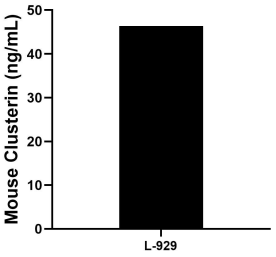
Sandwich ELISA standard curve of MP03697-2, Mouse Clusterin Recombinant Matched Antibody Pair - PBS only. 88846-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9550. 88846-4-PBS was HRP conjugated as the detection antibody. Range: 3.91-250 ng/mL



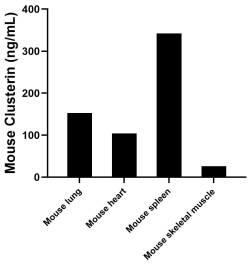
Serum of eight mice was measured. The Clusterin concentration of detected samples was determined to be 118.44 ug/mL with a range of 49.33-189.27 ug/mL.



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.