

For Research Use Only

Mouse ANGPTL4 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02218-1

Capture Antibody Information

Catalog Number: 86006-2-PBS	Clone ID: 250335A5	Conjugate: Unconjugated
Host: Rabbit	Reactivity: mouse	Full name: angiopoietin-like 4
Isotype: IgG	GenBank: NM_020581.2	Gene ID: 57875
Purification Method: Protein A purification	Immunogen Catalog Number: Eg2770	

Detection Antibody Information

Catalog Number: 86006-1-PBS	Clone ID: 250335B1	Conjugate: Unconjugated
Host: Rabbit	Reactivity: mouse	Full name: angiopoietin-like 4
Isotype: IgG	GenBank: NM_020581.2	Gene ID: 57875
Purification Method: Protein A purification	Immunogen Catalog Number: Eg2770	

Applications

Tested Applications: Sandwich ELISA	Range: 78.1-5000 pg/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP02218-1 targets ANGPTL4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Angptl4 Recombinant antibody, PBS Only (Capture) 86006-2-PBS (250335A5). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Angptl4 Recombinant antibody, PBS Only (Detector) 86006-1-PBS (250335B1). 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

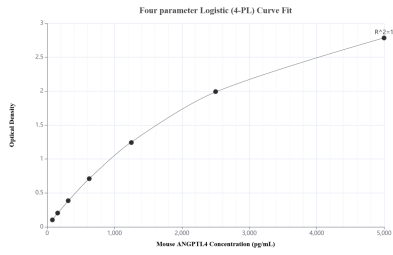
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

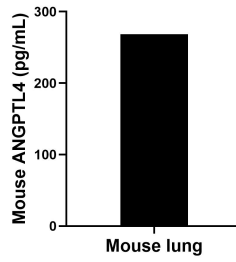
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

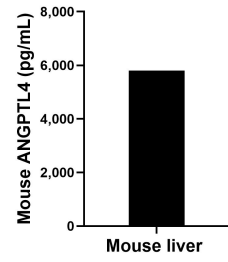
Selected Validation Data



Sandwich ELISA standard curve of MP02218-1, mouse ANGPTL4 Recombinant Matched Antibody Pair - PBS only. 86006-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2770. 86006-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



One mouse lung was cultured for 18 hours in RPMI 1640 supplemented with 10% fetal bovine serum, 50 μ M β -mercaptoethanol, 2 mM L-glutamine, and 100 μ g/mL of streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for mouse ANGPTL4, and measured 268.5 pg/mL



The mean ANGPTL4 concentration was determined to be 5,803.8 pg/mL in mouse liver extract based on a 3.70 mg/mL extract load.