

Mouse Angiopoietin-like 3/ANGPTL3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00227-2**

Capture Antibody Information

Catalog Number:
83165-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
230498C11
Reactivity:
mouse

Conjugate:
Unconjugated
Full name:
angiopoietin-like 3
Gene ID:
30924

Detection Antibody Information

Catalog Number:
83165-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
230498C5
Reactivity:
mouse
GenBank:
NM_013913.4

Conjugate:
Unconjugated
Full name:
angiopoietin-like 3
Gene ID:
30924

Applications

Tested Applications:
Sandwich ELISA

Range:
31.25-2000 pg/mL (Sandwich ELISA)

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

Product Information

MP00227-2 targets Angiopoietin-like 3/ANGPTL3 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Angiopoietin-like 3/ANGPTL3 Recombinant antibody, PBS Only (Capture/Detector) 83165-2-PBS (230498C11). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse Angiopoietin-like 3/ANGPTL3 Recombinant antibody, PBS Only (Capture/Detector) 83165-1-PBS (230498C5). 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

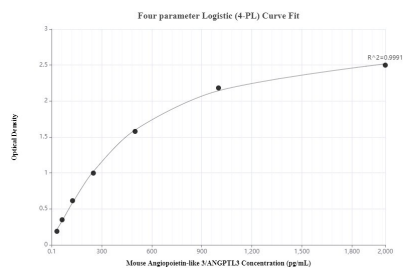
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

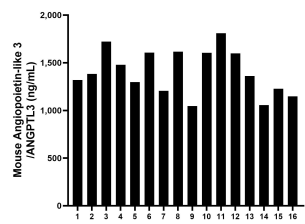
E: proteintech@ptglab.com
W: ptglab.com

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

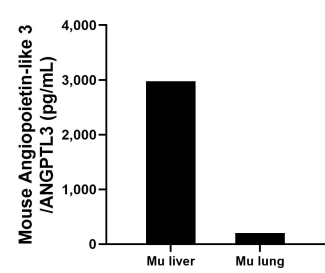
Selected Validation Data



Sandwich ELISA standard curve of MP00227-2, Mouse Angiopoietin-like 3/ANGPTL3 Monoclonal Matched Antibody Pair - PBS only. 83165-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0662. 83165-1-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL



Serum of sixteen individual healthy mice were measured. The Mouse Angiopoietin-like 3/ANGPTL3 concentration of detected samples was determined to be 1,404.9 ng/mL with a range of 1,046.2-1,810.6 ng/mL



Organs from 2-3 mice were removed, rinsed in PBS, and kept on ice. The organs were then homogenized using a tissue homogenizer and cultured in RPMI supplemented with 10% fetal bovine serum, 2 mM L-glutamine, 100 U/mL penicillin, and 100 mg/mL streptomycin sulfate. Cell culture supernatants from liver tissue measured 2,972.7 pg/mL and lung tissue measured 205.3 pg/mL