

For Research Use Only

ATG4D Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00902-4

Capture Antibody Information

Catalog Number:

83951-5-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

241035A4

Reactivity:

human

Immunogen Catalog Number:

Ag10177

Conjugate:

Unconjugated

Full name:

ATG4 autophagy related 4 homolog D (S. cerevisiae)

Gene ID:

84971

Detection Antibody Information

Catalog Number:

83951-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

241035E10

Reactivity:

human

GenBank:

BC068992

Immunogen Catalog Number:

Ag10177

Conjugate:

Unconjugated

Full name:

ATG4 autophagy related 4 homolog D (S. cerevisiae)

Gene ID:

84971

Applications

Tested Applications:

Sandwich ELISA

Range:

0.781-50 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

MP00902-4 targets ATG4D in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ATG4D Recombinant antibody, PBS Only (Capture) 83951-5-PBS (241035A4). 100 µg. Concentration 1 mg/ml.

Detection antibody: ATG4D Recombinant antibody, PBS Only (Detector) 83951-3-PBS (241035E10). 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:

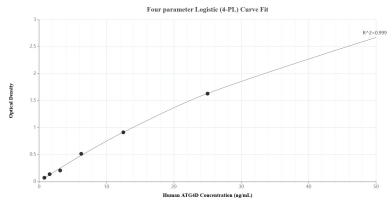
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

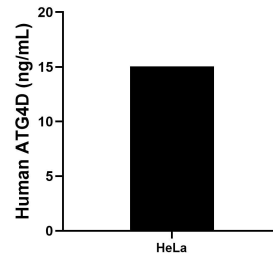
W: ptglab.com

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 MP00902-4, Human ATG4D Recombinant Matched Antibody Pair - PBS only. 83951-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag10177. 83951-3-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean ATG4D concentration was determined to be 15.05 ng/mL in HeLa cell extract based on a 1.30 mg/mL extract load.