

Calponin Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02782-1**

Capture Antibody Information

Catalog Number:

86977-5-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252040A4

Reactivity:

human

Immunogen Catalog Number:

Ag21384

Conjugate:

Unconjugated

Full name:

calponin 1, basic, smooth muscle

Gene ID:

1264

Detection Antibody Information

Catalog Number:

86977-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252040C7

Reactivity:

human

GenBank:

BC022015

Immunogen Catalog Number:

Ag21384

Conjugate:

Unconjugated

Full name:

calponin 1, basic, smooth muscle

Gene ID:

1264

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.

Product Information

MP02782-1 targets Calponin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Calponin Recombinant monoclonal antibody, PBS Only (Capture) 86977-5-PBS (252040A4). 100 µg. Concentration 1 mg/mL.

Detection antibody: Calponin Recombinant monoclonal antibody, PBS Only (Detector) 86977-4-PBS (252040C7). 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

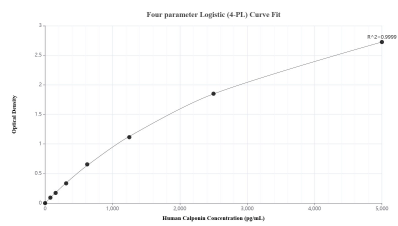
For technical support and original validation data for this product please contact:

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

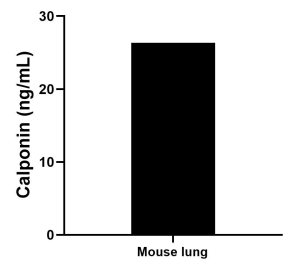
E: proteintech@ptglab.com
W: ptglab.com

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 MP02782-1, Human Calponin Recombinant Matched Antibody Pair - PBS only. 86977-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag21384. 86977-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean Calponin concentration was determined to be 26.4 ng/mL in mouse lung tissue extract based on a 4.8 mg/mL extract load.