

For Research Use Only

Calponin Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86977-4-PBS



Basic Information

Catalog Number: 86977-4-PBS	GenBank Accession Number: BC022015	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1264	CloneNo.: 252040C7
Source: Rabbit	UNIPROT ID: P51911	
Isotype: IgG	Full Name: calponin 1, basic, smooth muscle	
Immunogen Catalog Number: AG21384	Calculated MW: 33 kDa	

Applications

Tested Applications:
WB, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86977-4-PBS targets Calponin as part of a matched antibody pair:

MP02782-1: 86977-5-PBS capture and 86977-4-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

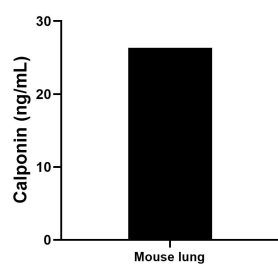
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

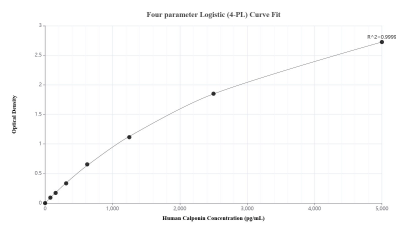
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.



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.