

For Research Use Only

Filamin A Recombinant monoclonal antibody, PBS Only (Capture/Detector)

Catalog Number: 86959-1-PBS



Basic Information

Catalog Number: 86959-1-PBS	GenBank Accession Number: BC014654	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2316	CloneNo.: 252084D10
Source: Rabbit	UNIPROT ID: P21333	
Isotype: IgG	Full Name: filamin A, alpha (actin binding protein 280)	
Immunogen Catalog Number: AG1581	Calculated MW: 2647 aa, 280 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86959-1-PBS targets Filamin A as part of a matched antibody pair:

MP02793-1: 86959-2-PBS capture and 86959-1-PBS detection (validated in Cytometric bead array)

MP02793-2: 86959-1-PBS capture and 86959-4-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

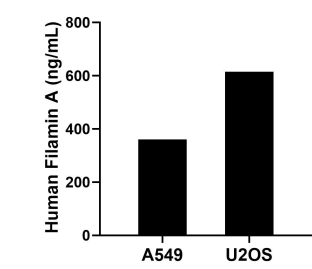
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

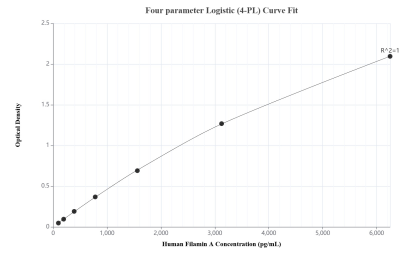
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

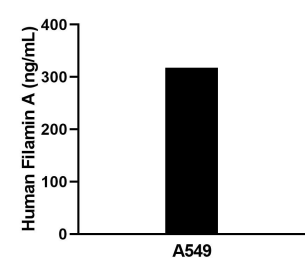
Selected Validation Data



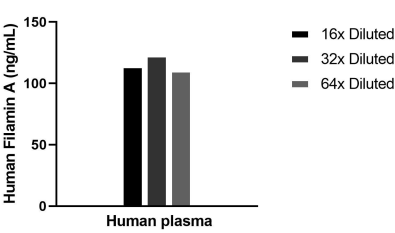
The mean Filamin A concentration was determined to be 360.2 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load and 615.3 ng/mL in U2OS cell extract based on a 1.2 mg/mL extract load.



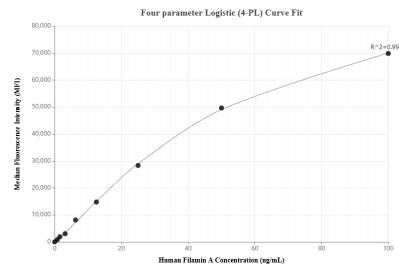
Sandwich ELISA standard curve of MP02793-2, Human Filamin A Recombinant Matched Antibody Pair - PBS only. 86959-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1581. 86959-4-PBS was HRP conjugated as the detection antibody. Range: 97.5-6250 pg/mL



The mean Filamin A concentration was determined to be 321.5 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load.



The mean Filamin A concentration was determined to be 115.6 ng/mL in human plasma.



Cytometric bead array standard curve of MP02793-1, Filamin A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86959-2-PBS. Detection antibody: 86959-1-PBS. Standard: Ag1581. Range: 0.781-100 ng/mL