

For Research Use Only

ACTN4 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87922-4-PBS



Basic Information

Catalog Number: 87922-4-PBS	GenBank Accession Number: BC005033	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 81	CloneNo.: 260022B11
Source: Rabbit	UNIPROT ID: O43707	
Isotype: IgG	Full Name: actinin, alpha 4	
Immunogen Catalog Number: AG13546	Calculated MW: 105 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87922-4-PBS targets ACTN4 as part of a matched antibody pair:

MP03267-2: 87922-5-PBS capture and 87922-4-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

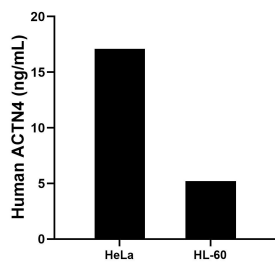
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

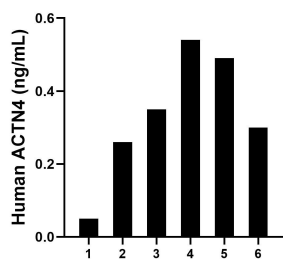
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

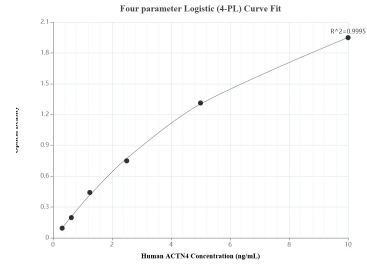
Selected Validation Data



The mean ACTN4 concentration was determined to be 17.10 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load and 5.20 ng/mL in HL-60 cell extract based on a 1.5 mg/mL extract load.



Plasma of six individual healthy human donors was measured. The human ACTN4 concentration of detected samples was determined to be 0.33 ng/mL with a range of 0.05 - 0.54 ng/mL.



Sandwich ELISA standard curve of MP03267-2, Human ACTN4 Recombinant Matched Antibody Pair - PBS only. 87922-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag13546. 87922-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-10 ng/mL