

For Research Use Only

LAMA3 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83210-1-PBS



Basic Information

Catalog Number: 83210-1-PBS	GenBank Accession Number: NM_000227	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 3909	CloneNo.: 230443B5
Source: Rabbit	UNIPROT ID: Q16787	
Isotype: IgG	Full Name: laminin, alpha 3	
	Calculated MW: 367 kDa	

Applications

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

Species Specificity:
human

Product Information

83210-1-PBS targets LAMA3 as part of a matched antibody pair.

MP00186-1: 83210-3-PBS capture and 83210-1-PBS detection (validated in Cytometric bead array)

MP00186-2: 83210-1-PBS capture and 83210-2-PBS detection (validated in Cytometric bead array, 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

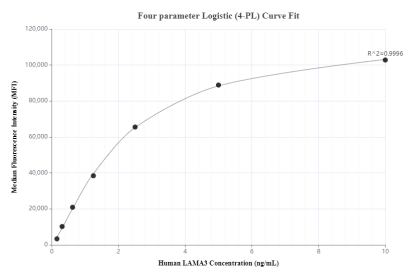
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

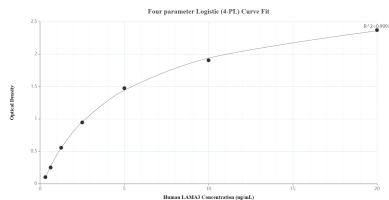
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

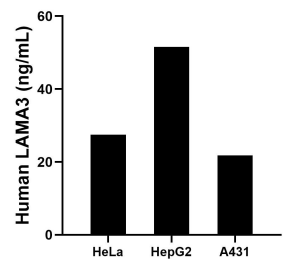
Selected Validation Data



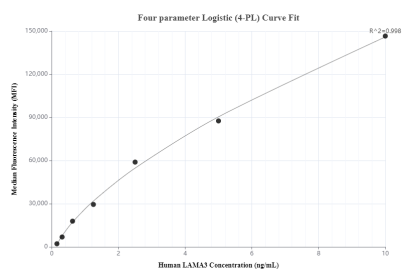
Cytometric bead array standard curve of MP00186-2, LAMA3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83210-1-PBS. Detection antibody: 83210-2-PBS. Standard: SY01122. Range: 0.156-10 ng/mL



Sandwich ELISA standard curve of MP00186-2, Human LAMA3 Recombinant Matched Antibody Pair - PBS only. 83210-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY01122. 83210-2-PBS was HRP conjugated as the detection antibody. Range: 0.131-20 ng/mL



The mean LAMA3 concentration was determined to be 27.50 ng/mL in HeLa cell extract based on a 3.60 mg/mL extract load, 51.60 ng/mL in HepG2 cell extract based on a 5.00 mg/mL extract load and 21.80 ng/mL in A431 cell extract based on a 2.60 mg/mL extract load.



Cytometric bead array standard curve of MP00186-1, LAMA3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83210-3-PBS. Detection antibody: 83210-1-PBS. Standard: SY01122. Range: 0.156-10 ng/mL