

For Research Use Only

# Mouse LAMP-1/CD107a Recombinant antibody, PBS Only (Detector)

Catalog Number: 86337-1-PBS



## Basic Information

Catalog Number:	86337-1-PBS	GenBank Accession Number:	NM_010684.3
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI):	16783
Source:	Rabbit	UNIPROT ID:	P11438
Isotype:	IgG	Full Name:	lysosomal-associated membrane protein 1
Immunogen Catalog Number:	EG3858	Calculated MW:	44 kDa

## Applications

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

Species Specificity:  
mouse

## Product Information

86337-1-PBS targets LAMP-1/CD107a as part of a matched antibody pair:

MPO2362-1: 86337-2-PBS capture and 86337-1-PBS detection (validated in Cytometric bead array)

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

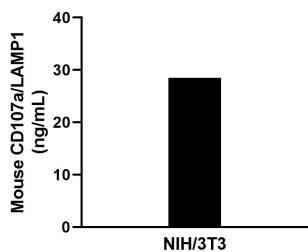
Storage:  
Store at -80°C.  
Storage Buffer:  
PBS only, pH7.3

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)

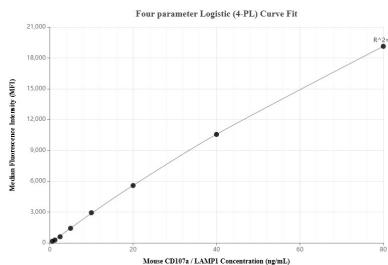
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



The mean CD107a / LAMP1 concentration was determined to be 28.9 ng/mL in NIH/3T3 cell extract based on a 1.4 mg/mL extract load.



Cytometric bead array standard curve of MP02362-1, MOUSE CD107a / LAMP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86337-2-PBS. Detection antibody: 86337-1-PBS. Standard: Eg3858. Range: 0.625-80 ng/mL