

For Research Use Only

# Mouse CD107a / LAMP1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02362-1**



## Capture Antibody Information

<b>Catalog Number:</b>	86337-2-PBS	<b>Clone ID:</b>	250972C12	<b>Conjugate:</b>
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	mouse	<b>Unconjugated</b>
<b>Isotype:</b>	IgG	<b>Immunogen Catalog Number:</b>	Eg3858	<b>Full name:</b> lysosomal-associated membrane protein 1
<b>Purification Method:</b>	Protein A purification			<b>Gene ID:</b> 16783

## Detection Antibody Information

<b>Catalog Number:</b>	86337-1-PBS	<b>Clone ID:</b>	250972H2	<b>Conjugate:</b>
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	mouse	<b>Unconjugated</b>
<b>Isotype:</b>	IgG	<b>GenBank:</b>	NM_010684.3	<b>Full name:</b> lysosomal-associated membrane protein 1
<b>Purification Method:</b>	Protein A purification	<b>Immunogen Catalog Number:</b>	Eg3858	<b>Gene ID:</b> 16783

## Applications

<b>Tested Applications:</b>	Cytometric bead array	<b>Range:</b>	0.625-80 ng/mL (Cytometric Bead Array)	<b>Recommended Dilutions:</b>
				It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP02362-1 targets CD107a / LAMP1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Mouse LAMP-1/CD107a Recombinant antibody, PBS Only (Capture) 86337-2-PBS (250972C12). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse LAMP-1/CD107a Recombinant antibody, PBS Only (Detector) 86337-1-PBS (250972H2). 100 µg. Concentration 1 mg/ml.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**

Store at -80°C.

**Storage buffer:**

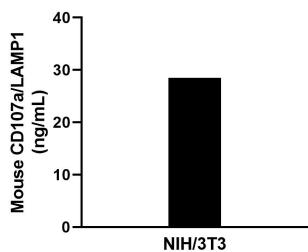
PBS only

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)

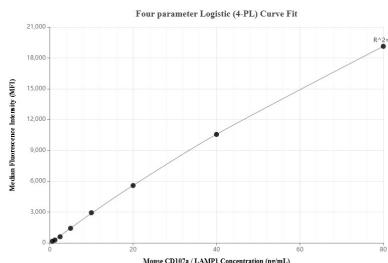
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## 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