

For Research Use Only

MAP1LC3B-Specific Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 84002-8-PBS



Basic Information

Catalog Number: 84002-8-PBS	GenBank Accession Number: NM_022818	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 81631	CloneNo.: 251444A4
Source: Rabbit	ENSEMBL Gene ID: ENSG00000140941	
Isotype: IgG	UNIPROT ID: Q9GZQ8	
	Full Name: microtubule-associated protein 1 light chain 3 beta	
	Calculated MW: 15 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

84002-8-PBS targets MAP1LC3B-Specific as part of a matched antibody pair:

MP02723-1: 84002-8-PBS capture and 84002-7-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

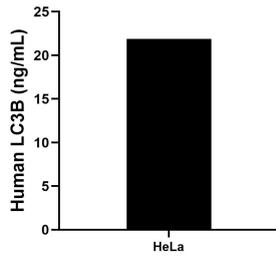
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

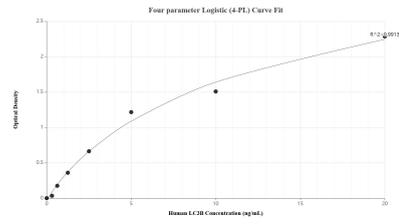
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean LC3B concentration was determined to be 21.89 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP02723-1, Human LC3B Recombinant Matched Antibody Pair - PBS only. 84002-8-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY00219. 84002-7-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL