

For Research Use Only

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

Catalog Number: 84002-7-PBS



Basic Information

Catalog Number:

84002-7-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_022818

GeneID (NCBI):

81631

ENSEMBL Gene ID:

ENSG00000140941

UNIPROT ID:

Q9GZQ8

Full Name:

microtubule-associated protein 1 light chain 3 beta

Calculated MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

251444H7

Applications

Tested Applications:

IF/ICC, Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Product Information

84002-7-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

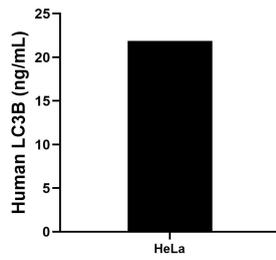
For technical support and original validation data for this product please contact:

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

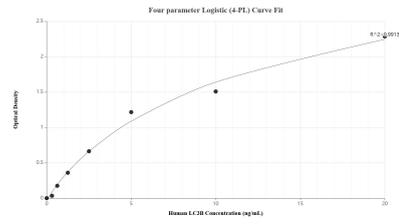
E: proteintech@ptglab.com
W: ptglab.com

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