

For Research Use Only

LC3B Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02723-1

Capture Antibody Information

Catalog Number:
84002-8-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251444A4
Reactivity:
human

Conjugate:
Unconjugated
Full name:
microtubule-associated protein 1 light chain 3 beta
Gene ID:
81631

Detection Antibody Information

Catalog Number:
84002-7-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251444H7
Reactivity:
human
GenBank:
NM_022818

Conjugate:
Unconjugated
Full name:
microtubule-associated protein 1 light chain 3 beta
Gene ID:
81631

Applications

Tested Applications:
Sandwich ELISA

Range:
0.313-20 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02723-1 targets LC3B in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: MAP1LC3B-Specific Recombinant monoclonal antibody, PBS Only (Capture) 84002-8-PBS (251444A4). 100 µg. Concentration 1 mg/mL.

Detection antibody: MAP1LC3B-Specific Recombinant monoclonal antibody, PBS Only (Detector) 84002-7-PBS (251444H7). 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

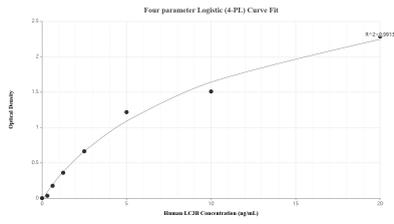
For technical support and original validation data for this product please contact:

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

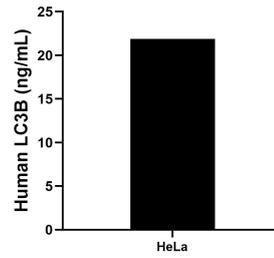
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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



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.