

For Research Use Only



# L1CAM Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00954-3

## Capture Antibody Information

Catalog Number:  
84034-6-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
240978B10

Reactivity:  
human

GenBank:  
BC126229

Conjugate:  
Unconjugated

Full name:  
L1 cell adhesion molecule

Gene ID:  
3897

## Detection Antibody Information

Catalog Number:  
84034-3-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
240978G3

Reactivity:  
human

GenBank:  
BC126229

Conjugate:  
Unconjugated

Full name:  
L1 cell adhesion molecule

Gene ID:  
3897

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
62.5-4000 pg/mL (Sandwich ELISA)

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

## Product Information

MP00954-3 targets L1CAM in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: L1CAM Recombinant antibody, PBS Only (Capture) 84034-6-PBS (240978B10). 100 µg. Concentration 1 mg/mL.

Detection antibody: L1CAM Recombinant antibody, PBS Only (Detector) 84034-3-PBS (240978G3). 100 µg. Concentration 1 mg/mL.

Alternative L1CAM matched antibody pairs: MP00954-1, MP00954-2, MP50443-1

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.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage buffer:

PBS only

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

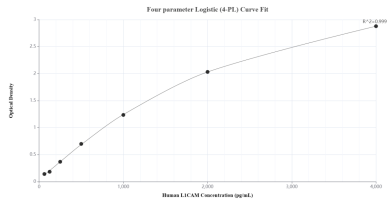
T: 4006900926

E: Proteintech-CN@ptglab.com

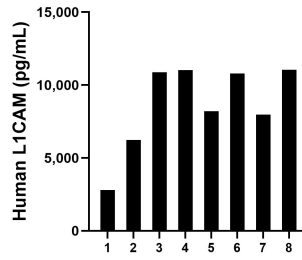
W: ptgcn.com

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

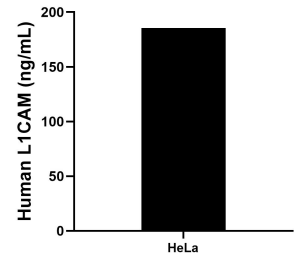
## Selected Validation Data



Sandwich ELISA standard curve of MP00954-3, Human L1CAM Recombinant Matched Antibody Pair - PBS only. 84034-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0209. 84034-3-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL



Serum of eight individual healthy human donors was measured. The L1CAM concentration of detected samples was determined to be 8,620.0 pg/mL with a range of 2,796.0 - 11,053.6 pg/mL



The mean L1CAM concentration was determined to be 185.4 ng/mL in HeLa cell extract based on a 3.6 mg/mL extract load.