

For Research Use Only

L1CAM Recombinant antibody, PBS Only (Detector)

Catalog Number: 84034-3-PBS



Basic Information

Catalog Number: 84034-3-PBS	GenBank Accession Number: BC126229	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3897	CloneNo.: 240978G3
Source: Rabbit	UNIPROT ID: P32004	
Isotype: IgG	Full Name: L1 cell adhesion molecule	
	Calculated MW: 1257 aa, 140 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84034-3-PBS targets L1CAM as part of a matched antibody pair:

MP00954-1: 84034-2-PBS capture and 84034-3-PBS detection (validated in Cytometric bead array)

MP00954-2: 84034-1-PBS capture and 84034-3-PBS detection (validated in Cytometric bead array)

MP00954-3: 84034-6-PBS capture and 84034-3-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

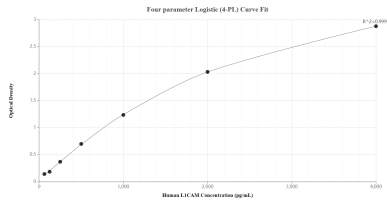
For technical support and original validation data for this product please contact:

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

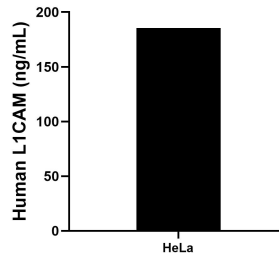
E: proteintech@ptglab.com
W: ptglab.com

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

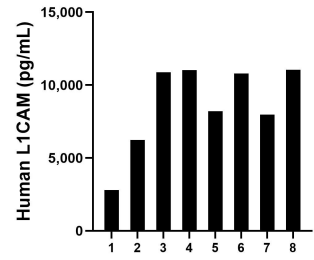
Selected Validation Data



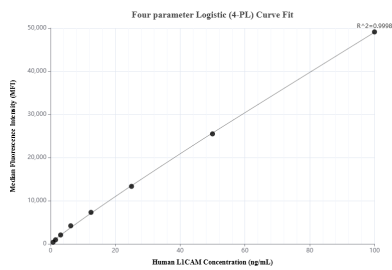
Sandwich ELISA standard curve of MP00954-3, Human L1CAM Recombinant Matched Antibody Pair - PBS only. 84034-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0209. 84034-3-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL



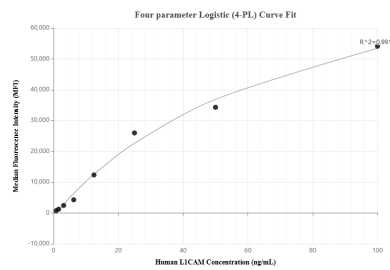
The mean L1CAM concentration was determined to be 185.4 ng/mL in HeLa cell extract based on a 3.6 mg/mL extract load.



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



Cytometric bead array standard curve of MP00954-1, L1CAM Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84034-2-PBS. Detection antibody: 84034-3-PBS. Standard: Eg0209. Range: 0.781-100 ng/mL



Cytometric bead array standard curve of MP00954-2, L1CAM Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84034-1-PBS. Detection antibody: 84034-3-PBS. Standard: Eg0209. Range: 0.781-100 ng/mL