

# Mouse L1CAM Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02352-2**

## Capture Antibody Information

<b>Catalog Number:</b>	86305-4-PBS	<b>Clone ID:</b>	250101F11	<b>Conjugate:</b>
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	mouse	Unconjugated
<b>Isotype:</b>	IgG	<b>Immunogen Catalog Number:</b>	Eg3022	<b>Full name:</b>
<b>Purification Method:</b>	Protein A purification			L1 cell adhesion molecule
				<b>Gene ID:</b>
				16728

## Detection Antibody Information

<b>Catalog Number:</b>	86305-3-PBS	<b>Clone ID:</b>	250101A12	<b>Conjugate:</b>
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	mouse	Unconjugated
<b>Isotype:</b>	IgG	<b>GenBank:</b>	N/A	<b>Full name:</b>
<b>Purification Method:</b>	Protein A purification	<b>Immunogen Catalog Number:</b>	Eg3022	<b>L1 cell adhesion molecule</b>
				<b>Gene ID:</b>
				16728

## Applications

<b>Tested Applications:</b>	Sandwich ELISA	<b>Range:</b>	0.313-20 ng/mL (Sandwich ELISA)	<b>Recommended Dilutions:</b>
				It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP02352-2 targets L1CAM in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse L1cam Recombinant monoclonal antibody, PBS Only (Capture) 86305-4-PBS (250101F11). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse L1cam Recombinant monoclonal antibody, PBS Only (Detector) 86305-3-PBS (250101A12). 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.

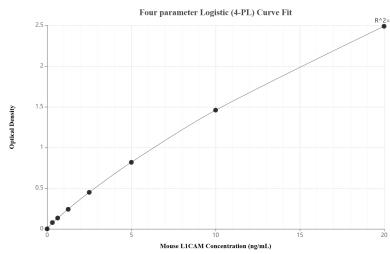
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

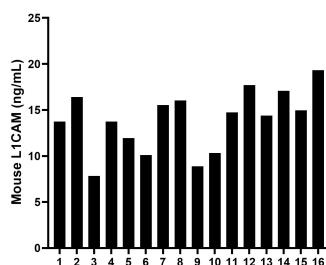
## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

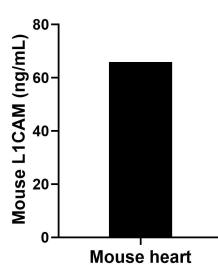
## Selected Validation Data



Sandwich ELISA standard curve of MP02352-2, Mouse L1CAM Recombinant Matched Antibody Pair - PBS only. 86305-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3022. 86305-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Serum of sixteen mice was measured. The L1CAM concentration of detected samples was determined to be 13.92 ng/mL with a range of 7.82-19.31 ng/mL



The mean L1CAM concentration was determined to be 65.90 ng/mL in mouse heart extract based on a 6.90 mg/mL extract load.