

For Research Use Only

# Mouse Sialoadhesin/CD169 Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02539-1**

## Capture Antibody Information

<b>Catalog Number:</b>	86605-1-PBS	<b>Clone ID:</b>	251348G9	<b>Conjugate:</b>
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	mouse	<b>Unconjugated</b>
<b>Isotype:</b>	IgG	<b>Immunogen Catalog Number:</b>	Eg5002	<b>Full name:</b>
<b>Purification Method:</b>	Protein A purification			sialic acid binding Ig-like lectin 1, sialoadhesin

## Detection Antibody Information

<b>Catalog Number:</b>	86605-2-PBS	<b>Clone ID:</b>	251348G2	<b>Conjugate:</b>
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	mouse	<b>Unconjugated</b>
<b>Isotype:</b>	IgG	<b>GenBank:</b>	NP_035556	<b>Full name:</b>
<b>Purification Method:</b>	Protein A purification	<b>Immunogen Catalog Number:</b>	Eg5002	sialic acid binding Ig-like lectin 1, sialoadhesin

## Applications

<b>Tested Applications:</b>		<b>Range:</b>	
Cytometric bead array, Sandwich ELISA		0.625-40 ng/mL (Cytometric Bead Array)	<b>Conjugate:</b>
		78.1-5000 pg/mL (Sandwich ELISA)	Unconjugated

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

## Product Information

MP02539-1 targets Sialoadhesin/CD169 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse CD169 Recombinant monoclonal antibody, PBS Only (Capture) 86605-1-PBS (251348G9). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse Siglec1 Recombinant monoclonal antibody, PBS Only (Detector) 86605-2-PBS (251348G2). 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

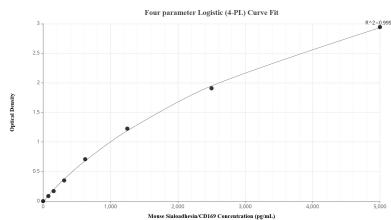
**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

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)

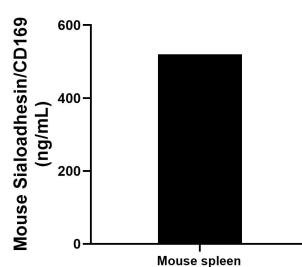
E: proteintech@ptglab.com  
W: ptglab.com

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

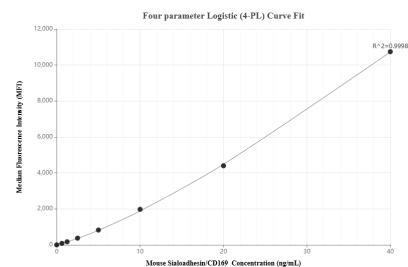
## Selected Validation Data



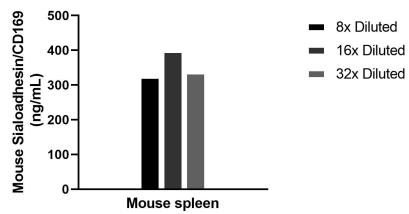
Sandwich ELISA standard curve of MP02539-1, Mouse Sialoadhesin/CD169 Recombinant Matched Antibody Pair - PBS only. 86605-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5002. 86605-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean Sialoadhesin/CD169 concentration was determined to be 519.6 ng/mL in mouse spleen tissue extract based on a 8.5 mg/mL extract load.



Cytometric bead array standard curve of MP02539-1, MOUSE Sialoadhesin/CD169 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86605-1-PBS. Detection antibody: 86605-2-PBS. Standard: Eg5002. Range: 0.625-40 ng/mL



The mean Sialoadhesin/CD169 concentration was determined to be 351.7 ng/mL in Mouse spleen tissue extract based on a 6.4 mg/mL extract load.