

For Research Use Only



# Mouse Siglec1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86605-2-PBS

## Basic Information

<b>Catalog Number:</b> 86605-2-PBS	<b>GenBank Accession Number:</b> NP_035556	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 20612	<b>CloneNo.:</b> 251348G2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q62230-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> sialic acid binding Ig-like lectin 1, sialoadhesin	
<b>Immunogen Catalog Number:</b> EG5002	<b>Calculated MW:</b> 183 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
mouse

## Product Information

86605-2-PBS targets Siglec1 as part of a matched antibody pair:

MP02539-1: 86605-1-PBS capture and 86605-2-PBS detection (validated in Cytometric bead array, 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

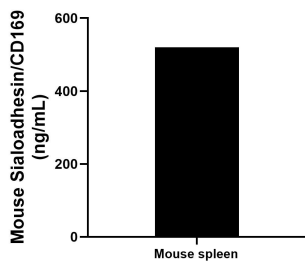
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

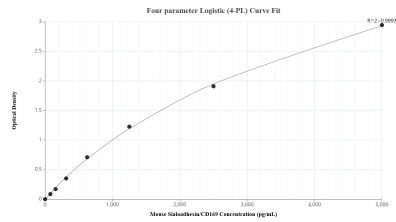
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

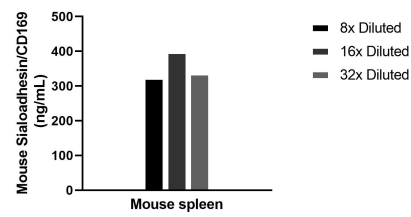
Selected Validation Data



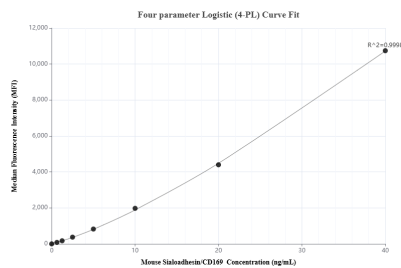
The mean Sialoadhesin/CD169 concentration was determined to be 519.6 ng/mL in mouse spleen tissue extract based on a 8.5 mg/mL extract load.



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 351.7 ng/mL in Mouse spleen tissue extract based on a 6.4 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