

For Research Use Only

# Rat NCAM-1/CD56 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86770-1-PBS



## Basic Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>86770-1-PBS                       | <b>GenBank Accession Number:</b><br>NM_031521.1      | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>24586                       | <b>CloneNo.:</b><br>250717H3                          |
| <b>Source:</b><br>Rabbit                                    | <b>UNIPROT ID:</b><br>P13596                         |   |
| <b>Isotype:</b><br>IgG                                      | <b>Full Name:</b><br>neural cell adhesion molecule 1 |   |
| <b>Immunogen Catalog Number:</b><br>EG3243                  | <b>Calculated MW:</b><br>95 kDa                      |   |

## Applications

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

**Species Specificity:**  
rat

## Product Information

86770-1-PBS targets NCAM-1/CD56 as part of a matched antibody pair:

MP02663-1: 86770-2-PBS capture and 86770-1-PBS detection (validated in Cytometric bead array)

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

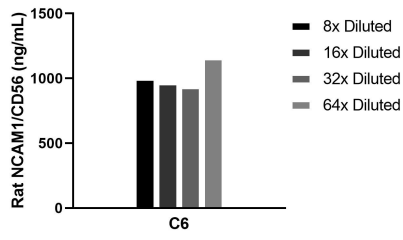
For technical support and original validation data for this product please contact:

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

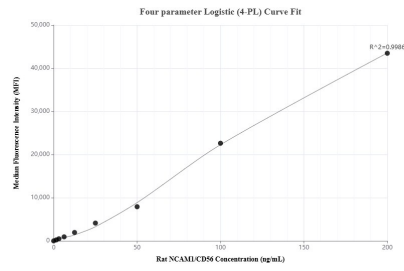
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



The mean NCAM1/CD56 concentration was determined to be 1011.1 ng/mL in C6 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02663-1, RAT NCAM1/CD56 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86770-2-PBS. Detection antibody: 86770-1-PBS. Standard: Eg3243. Range: 1.562-200 ng/mL