

For Research Use Only

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

Catalog Number: 86770-4-PBS



Basic Information

Catalog Number: 86770-4-PBS	GenBank Accession Number: NM_031521.1	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 24586	CloneNo.: 250717F7
Source: Rabbit	UNIPROT ID: P13596	
Isotype: IgG	Full Name: neural cell adhesion molecule 1	
Immunogen Catalog Number: EG3243	Calculated MW: 95 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
rat

Product Information

86770-4-PBS targets NCAM-1/CD56 as part of a matched antibody pair:

MP02663-2: 86770-4-PBS capture and 86770-3-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, pH7.3

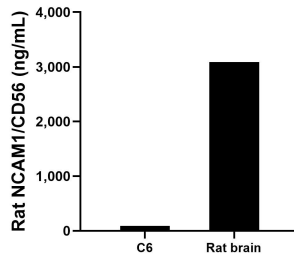
For technical support and original validation data for this product please contact:

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

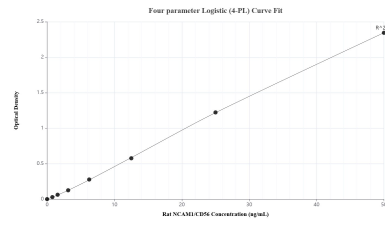
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean NCAM1/CD56 concentration was determined to be 89.12 ng/mL in C6 cell extract based on a 1.20 mg/mL extract load and 3,090.35 ng/mL in rat brain tissue extract based on a 8.2 mg/mL extract load.



Sandwich ELISA standard curve of MP02663-2, Rat NCAM1/CD56 Recombinant Matched Antibody Pair - PBS only. 86770-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3243. 86770-3-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL.