

For Research Use Only

# NCAM1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00393-4

## Capture Antibody Information

**Catalog Number:**  
83365-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240078A7  
**Reactivity:**  
human

**Conjugate:**  
Unconjugated  
**Full name:**  
neural cell adhesion molecule 1  
**Gene ID:**  
4684

## Detection Antibody Information

**Catalog Number:**  
83365-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
240078H1  
**Reactivity:**  
human  
**GenBank:**  
BC047244

**Conjugate:**  
Unconjugated  
**Full name:**  
neural cell adhesion molecule 1  
**Gene ID:**  
4684

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.156-10 ng/mL (Sandwich ELISA)

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

## Product Information

MP00393-4 targets NCAM1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: NCAM1/CD56 Recombinant antibody, PBS Only (Capture) 83365-5-PBS (240078A7). 100 µg. Concentration 1 mg/ml.

Detection antibody: NCAM1/CD56 Recombinant antibody, PBS Only (Capture/Detector) 83365-4-PBS (240078H1). 100 µg. Concentration 1 mg/ml.

Alternative NCAM1 matched antibody pairs: MP00393-1, MP00393-2, MP00393-3, MP50288-1

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

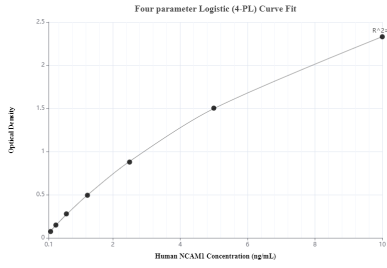
For technical support and original validation data for this product please contact:

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

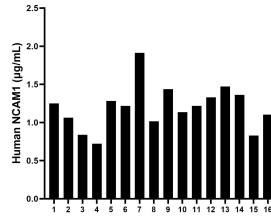
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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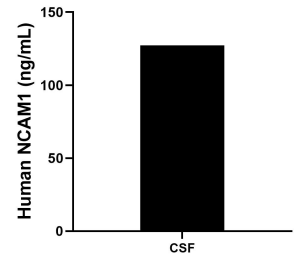
## Selected Validation Data



Sandwich ELISA standard curve of MP00393-4, Human NCAM1 Monoclonal Matched Antibody Pair - PBS only. 83365-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg31816. 83365-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Serum of sixteen individual healthy human donors was measured. The NCAM1 concentration of detected samples was determined to be 1.2 µg/mL with a range of 0.7 - 1.9 µg/mL.



The NCAM1 concentration of Human cerebrospinal fluid (CSF) samples were determined to be 127.3 ng/mL.