

# SEMA3C Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03281-1**

## Capture Antibody Information

**Catalog Number:**  
87702-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
252979H3  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Eg4979

**Conjugate:**  
Unconjugated  
**Full name:**  
sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C  
**Gene ID:**  
10512

## Detection Antibody Information

**Catalog Number:**  
87702-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
252979G10  
**Reactivity:**  
human  
**GenBank:**  
BC030690  
**Immunogen Catalog Number:**  
Eg4979

**Conjugate:**  
Unconjugated  
**Full name:**  
sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C  
**Gene ID:**  
10512

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
78.1-5000 pg/mL (Sandwich ELISA)

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

## Product Information

MP03281-1 targets SEMA3C in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: SEMA3C Recombinant monoclonal antibody, PBS Only (Capture) 87702-3-PBS (252979H3). 100 µg. Concentration 1 mg/mL.

Detection antibody: SEMA3C Recombinant monoclonal antibody, PBS Only (Detector) 87702-2-PBS (252979G10). 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

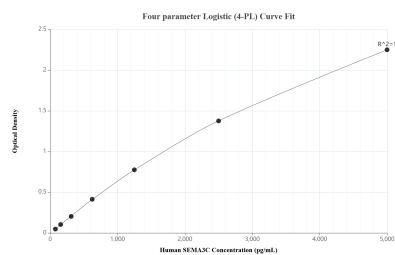
For technical support and original validation data for this product please contact:

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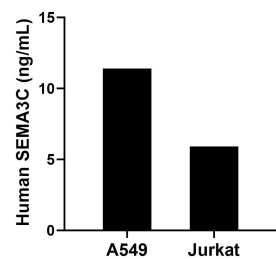
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## Selected Validation Data



Sandwich ELISA standard curve of MP03281-1, Human SEMA3C Recombinant Matched Antibody Pair - PBS only. 87702-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg4979. 87702-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean SEMA3C concentration was determined to be 11.4 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load and 5.9 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load.