

For Research Use Only

# SPRY4 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03152-2

## Capture Antibody Information

Catalog Number:  
87666-4-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
253045F10

Reactivity:  
human

GenBank:  
BC125095

Immunogen Catalog Number:  
Ag18574

Conjugate:  
Unconjugated

Full name:  
sprouty homolog 4 (Drosophila)

Gene ID:  
81848

## Detection Antibody Information

Catalog Number:  
87666-5-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
253045E6

Reactivity:  
human

GenBank:  
BC125095

Immunogen Catalog Number:  
Ag18574

Conjugate:  
Unconjugated

Full name:  
sprouty homolog 4 (Drosophila)

Gene ID:  
81848

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
46.9-3000 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

MP03152-2 targets SPRY4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: SPRY4 Recombinant monoclonal antibody, PBS Only (Capture) 87666-4-PBS (253045F10). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: SPRY4 Recombinant monoclonal antibody, PBS Only (Detector) 87666-5-PBS (253045E6). 100  $\mu$ g. 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:

PBS only

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

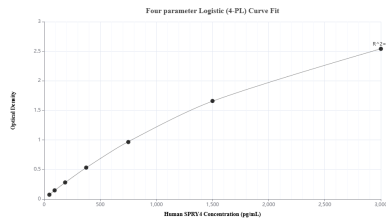
T: 4006900926

E: Proteintech-CN@ptglab.com

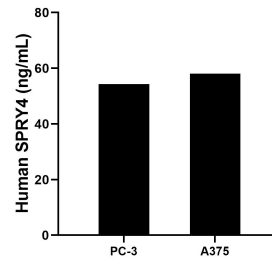
W: ptgcn.com

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

## Selected Validation Data



Sandwich ELISA standard curve of MP03152-2, Human SPRY4 Recombinant Matched Antibody Pair - PBS only. 87666-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag18574. 87666-5-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL



The mean SPRY4 concentration was determined to be 54.31 ng/mL in PC-3 cell extract based on a 1.2 mg/mL extract load and 58.09 ng/mL in A375 cell extract based on a 2.0 mg/mL extract load.