

For Research Use Only

# OPN1SW Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00721-3

## Capture Antibody Information

Catalog Number:  
83754-5-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
240714G7

Reactivity:  
Human

Immunogen Catalog Number:  
Ag20445

Conjugate:  
Unconjugated

Full name:  
opsin 1 (cone pigments), short-wave-sensitive

Gene ID:  
611

## Detection Antibody Information

Catalog Number:  
83754-1-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
240714C10

Reactivity:  
Human

GenBank:  
BC156719

Immunogen Catalog Number:  
Ag20445

Conjugate:  
Unconjugated

Full name:  
opsin 1 (cone pigments), short-wave-sensitive

Gene ID:  
611

## Applications

Tested Applications:  
Cytometric bead array

Range:  
0.78-100 ng/mL (Cytometric Bead Array)

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

## Product Information

MP00721-3 targets OPN1SW in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: OPN1SW Recombinant antibody, PBS Only (Capture) 83754-5-PBS (240714G7). 100 µg. Concentration 1 mg/mL.

Detection antibody: OPN1SW Recombinant antibody, PBS Only (Capture/Detector) 83754-1-PBS (240714C10). 100 µg. Concentration 1 mg/mL.

Alternative OPN1SW matched antibody pairs: MP00721-1, MP00721-2

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

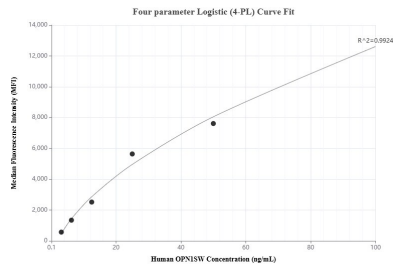
For technical support and original validation data for this product please contact:

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)  
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



Cytometric bead array standard curve of MP00721-3, OPN1SW Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83754-5-PBS. Detection antibody: 83754-1-PBS. Standard: Ag20445. Range: 0.78-100 ng/mL.