

For Research Use Only

# COL2A1 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP51491-1

## Capture Antibody Information

Catalog Number:  
61014-1-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G Magarose purification

Clone ID:  
1B8F9

Reactivity:  
human

Immunogen Catalog Number:  
Ag29295

Conjugate:  
Unconjugated

Full name:  
collagen, type II, alpha 1

Gene ID:  
1280

## Detection Antibody Information

Catalog Number:  
61014-2-PBS

Host:  
Mouse

Isotype:  
IgG3

Purification Method:  
Protein A Magarose purification

Clone ID:  
2A3F3

Reactivity:  
human

GenBank:  
BC007252

Immunogen Catalog Number:  
Ag29295

Conjugate:  
Unconjugated

Full name:  
collagen, type II, alpha 1

Gene ID:  
1280

## Applications

Tested Applications:  
Cytometric bead array

Range:  
1.563-200 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

MP51491-1 targets COL2A1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: COL2A1 Monoclonal antibody, PBS Only (Capture) 61014-1-PBS (1B8F9). 100 µg. Concentration 1 mg/mL.

Detection antibody: COL2A1 Monoclonal antibody, PBS Only (Detector) 61014-2-PBS (2A3F3). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

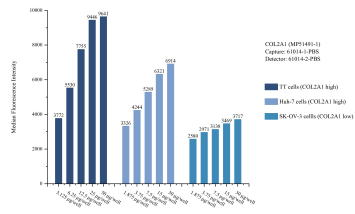
For technical support and original validation data for this product please contact:

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

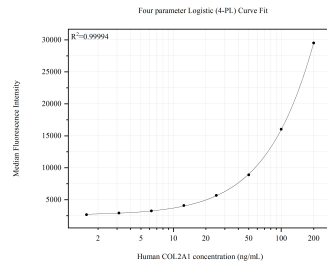
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 sample test of MP51491-1, COL2A1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 61014-1-PBS. Detection antibody: 61014-2-PBS.



Cytometric bead array standard curve of MP51491-1, COL2A1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 61014-1-PBS. Detection antibody: 61014-2-PBS. Standard: Ag29295. Range: 1.563-200 ng/mL