

For Research Use Only

# OCT4/POU5F1 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50231-3

## Capture Antibody Information

Catalog Number:  
60242-5-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G purification

Clone ID:  
1C5B7

Reactivity:  
human

Immunogen Catalog Number:  
Ag1794

Conjugate:  
Unconjugated

Full name:  
POU class 5 homeobox 1

Gene ID:  
5460

## Detection Antibody Information

Catalog Number:  
60242-6-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G purification

Clone ID:  
5H9G12

Reactivity:  
human

GenBank:  
BC020712

Immunogen Catalog Number:  
Ag1794

Conjugate:  
Unconjugated

Full name:  
POU class 5 homeobox 1

Gene ID:  
5460

## Applications

Tested Applications:  
Cytometric bead array

Range:  
0.391-25 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

MP50231-3 targets OCT4/POU5F1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: OCT4 Monoclonal antibody, PBS Only (Capture) 60242-5-PBS (1C5B7). 100 µg. Concentration 1 mg/mL.

Detection antibody: OCT4 Monoclonal antibody, PBS Only (Detector) 60242-6-PBS (5H9G12). 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

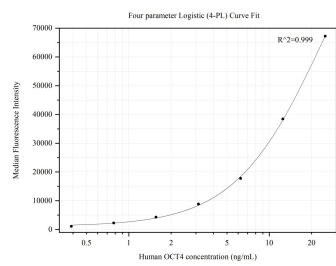
For technical support and original validation data for this product please contact:

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)  
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# Selected Validation Data



Cytometric bead array standard curve of MP50231-3, OCT4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60242-5-PBS. Detection antibody: 60242-6-PBS. Standard:Ag1794. Range: 0.391-25 ng/mL