

# OCT4/POU5F1 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50231-2**

## Capture Antibody Information

Catalog Number: 60242-2-PBS	Clone ID: 4B7F2	Conjugate: Unconjugated
Host: Mouse	Reactivity: human	Full name: POU class 5 homeobox 1
Isotype: IgG1	GenBank: BC020712	Gene ID: 5460
Purification Method: Protein A purification	Immunogen Catalog Number: Ag1794	

## Detection Antibody Information

Catalog Number: 60242-4-PBS	Clone ID: 1F4C10	Conjugate: Unconjugated
Host: Mouse	Reactivity: human	Full name: POU class 5 homeobox 1
Isotype: IgG2a	GenBank: BC020712	Gene ID: 5460
Purification Method: Protein A purification	Immunogen Catalog Number: Ag1794	

## Applications

Tested Applications: Cytometric bead array	Range: 0.098-100 ng/mL (Cytometric Bead Array)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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## Product Information

MP50231-2 targets OCT4/POU5F1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: OCT4 Monoclonal antibody, PBS Only (Capture) 60242-2-PBS (4B7F2). 100 µg. Concentration 1 mg/mL.

Detection antibody: OCT4 Monoclonal antibody, PBS Only (Detector) 60242-4-PBS (1F4C10). 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.

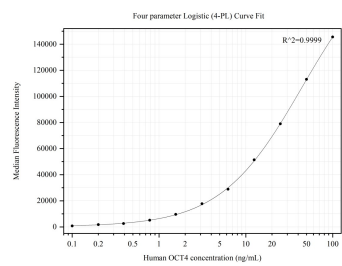
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

Storage:  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
Storage buffer:  
PBS only

# Selected Validation Data



Cytometric bead array standard curve of MP50231-2, OCT4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60242-2-PBS. Detection antibody: 60242-4-PBS. Standard:Ag1794. Range: 0.098-100 ng/mL.