

# OCT4/POU5F1 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50231-1**

## Capture Antibody Information

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

## Detection Antibody Information

<b>Catalog Number:</b> 60242-3-PBS	<b>Clone ID:</b> 2C12D10	<b>Conjugate:</b> Unconjugated
<b>Host:</b> Mouse	<b>Reactivity:</b> human	<b>Full name:</b> POU class 5 homeobox 1
<b>Isotype:</b> IgG1	<b>GenBank:</b> BC020712	<b>Gene ID:</b> 5460
<b>Purification Method:</b> Protein G purification	<b>Immunogen Catalog Number:</b> Ag1794	

## Applications

<b>Tested Applications:</b> Cytometric bead array	<b>Range:</b> 0.391-100 ng/mL (Cytometric Bead Array)	<b>Recommended Dilutions:</b> It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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## Product Information

MP50231-1 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) 60242-3-PBS (2C12D10). 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.

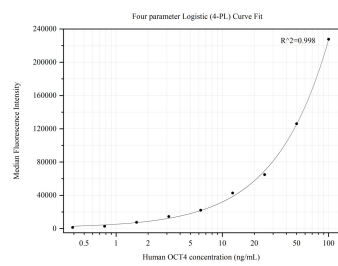
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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 MP50231-1, OCT4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60242-2-PBS. Detection antibody: 60242-3-PBS. Standard:Ag1794. Range: 0.391-100 ng/mL.