

# OCT1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02071-1**

## Capture Antibody Information

Catalog Number: 85726-4-PBS	Clone ID: 243074B12	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: POU class 2 homeobox 1
Isotype: IgG	GenBank: BC003571	Gene ID: 5451
Purification Method: Protein A purification	Immunogen Catalog Number: Ag0586	

## Detection Antibody Information

Catalog Number: 85726-2-PBS	Clone ID: 243074G5	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: POU class 2 homeobox 1
Isotype: IgG	GenBank: BC003571	Gene ID: 5451
Purification Method: Protein A purification	Immunogen Catalog Number: Ag0586	

## Applications

Tested Applications: Cytometric bead array, Sandwich ELISA	Range: 0.781-100 ng/mL (Cytometric Bead Array) 0.781-50 ng/mL (Sandwich ELISA)	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

MP02071-1 targets OCT1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: POU2F1 Recombinant antibody, PBS Only (Capture) 85726-4-PBS (243074B12). 100 µg. Concentration 1 mg/mL.

Detection antibody: POU2F1 Recombinant antibody, PBS Only (Detector) 85726-2-PBS (243074G5). 100 µg. Concentration 1 mg/mL.

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.

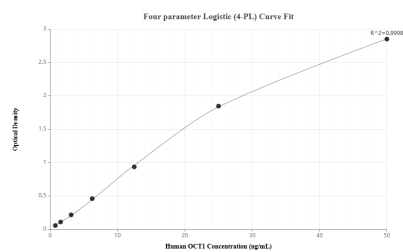
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

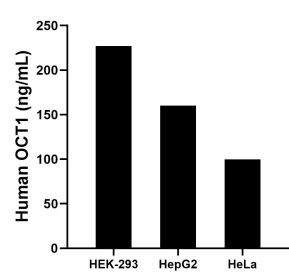
## Storage

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

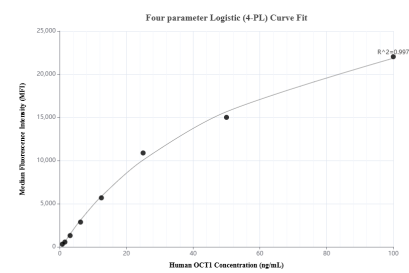
## Selected Validation Data



Sandwich ELISA standard curve of MP02071-1, Human OCT1 Recombinant Matched Antibody Pair - PBS only. 85726-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0586. 85726-2-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean OCT1 concentration was determined to be 226.91 ng/mL in HEK-293 cell extract based on a 2.2 mg/mL extract load, 160.11 ng/mL in HepG2 cell extract based on a 1.8 mg/mL extract load and 99.94 ng/mL in HeLa cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP02071-1, OCT1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85726-4-PBS. Detection antibody: 85726-2-PBS. Standard: Ag0586. Range: 0.781-100 ng/mL