

For Research Use Only

# OCT4/POU5F1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02449-1

## Capture Antibody Information

Catalog Number: 82740-11-PBS	Clone ID: 250533H6	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: POU class 5 homeobox 1
Isotype: IgG	GenBank: BC020712	Gene ID: 5460
Purification Method: Protein A purification	Immunogen Catalog Number: Ag1794	

## Detection Antibody Information

Catalog Number: 82740-10-PBS	Clone ID: 250533A1	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: POU class 5 homeobox 1
Isotype: IgG	GenBank: BC020712	Gene ID: 5460
Purification Method: Protein A purification	Immunogen Catalog Number: Ag1794	

## Applications

Tested Applications: Sandwich ELISA	Range: 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

MP02449-1 targets OCT4/POU5F1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: OCT4 Recombinant antibody, PBS Only (Capture) 82740-11-PBS (250533H6). 100 µg. Concentration 1 mg/mL.

Detection antibody: OCT4 Recombinant antibody, PBS Only (Detector) 82740-10-PBS (250533A1). 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

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

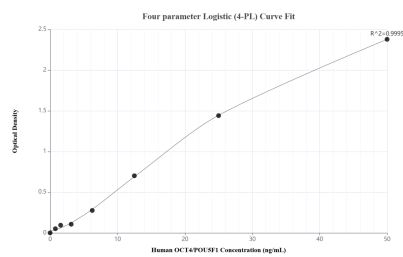
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

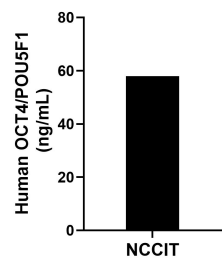
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Sandwich ELISA standard curve of MP02449-1, Human OCT4/POU5F1 Recombinant Matched Antibody Pair - PBS only. 82740-11-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1794. 82740-10-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean OCT4/POU5F1 concentration was determined to be 57.87 ng/mL in NCCIT cell extract based on a 1.10 mg/mL extract load.