For Research Use Only

OCT4/POU5F1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP02449-1

proteintech®
Antibodies | ELISA kits | Proteins
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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

Immunogen Catalog Number:
Ag1794

Gene ID:
5460

Purification Method:
Protein A purification

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.

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.

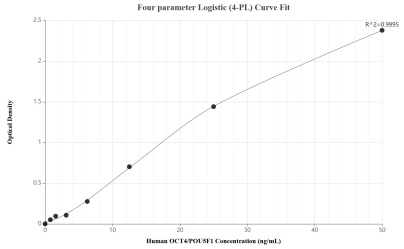
Antibody use should be optimized for each application and assay.

Storage

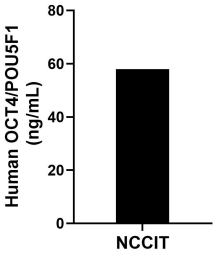
Storage:
Store at -80°C.
Storage buffer:
PBS only

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
W: ptglab.com

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.