

SOX2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00077-3**

Capture Antibody Information

Catalog Number: 83059-6-PBS	Clone ID: 252889F12	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human, mouse, rat	Full name: SRY (sex determining region Y)-box 2
Isotype: IgG	GenBank: BC013923	Gene ID: 6657
Purification Method: Protein A purification	Immunogen Catalog Number: Ag0612	

Detection Antibody Information

Catalog Number: 83059-9-PBS	Clone ID: 252889B7	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: SRY (sex determining region Y)-box 2
Isotype: IgG	GenBank: BC013923	Gene ID: 6657
Purification Method: Protein A purification	Immunogen Catalog Number: Ag0612	

Applications

Tested Applications: Sandwich ELISA	Range: 1.56-50 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

MP00077-3 targets SOX2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: SOX2 Recombinant monoclonal antibody, PBS Only (Capture) 83059-6-PBS (252889F12). 100 µg. Concentration 1 mg/mL.

Detection antibody: SOX2 Recombinant monoclonal antibody, PBS Only (Detector) 83059-9-PBS (252889B7). 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.

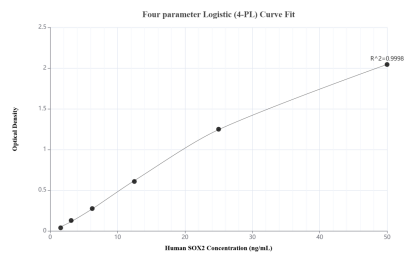
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

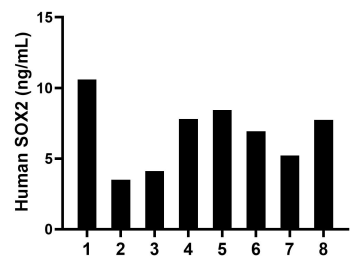
Storage

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

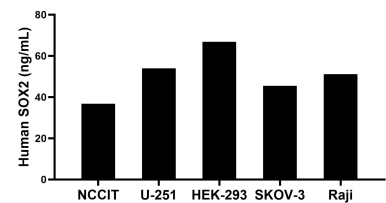
Selected Validation Data



Sandwich ELISA standard curve of MP00077-3, Human SOX2 Recombinant Matched Antibody Pair - PBS only. 83059-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0612. 83059-9-PBS was HRP conjugated as the detection antibody. Range: 1.56-50 ng/mL.



Plasma of eight individual healthy human donors was measured. The SOX2 concentration of detected samples was determined to be 6.79 ng/mL with a range of 3.51-10.60 ng/mL.



The mean SOX2 concentration was determined to be 36.70 ng/mL in NCCIT cell extract based on a 1.10 mg/mL extract load, 54.00 ng/mL in U-251 cell extract based on a 1.20 mg/mL extract load, 66.90 ng/mL in HEK-293 cell extract based on a 1.20 mg/mL extract load, 45.50 ng/mL in SKOV-3 cell extract based on a 1.20 mg/mL extract load and 51.10 ng/mL in Raji cell extract based on a 1.20 mg/mL extract load.