

SOX2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00077-3**

Capture Antibody Information

Catalog Number:
83059-6-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
252889F12

Reactivity:
human, mouse, rat

Immunogen Catalog Number:
Ag0612

Conjugate:
Unconjugated

Full name:
SRY (sex determining region Y)-box 2

Gene ID:
6657

Detection Antibody Information

Catalog Number:
83059-9-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
252889B7

Reactivity:
human

GenBank:
BC013923

Immunogen Catalog Number:
Ag0612

Conjugate:
Unconjugated

Full name:
SRY (sex determining region Y)-box 2

Gene ID:
6657

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.

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.
Storage buffer:
PBS only

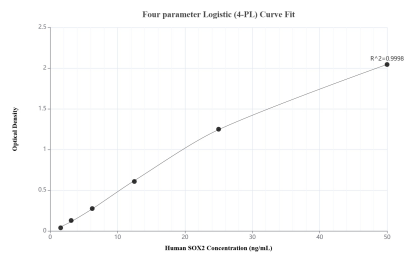
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

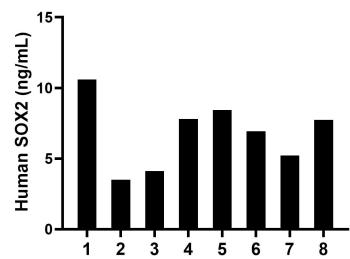
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

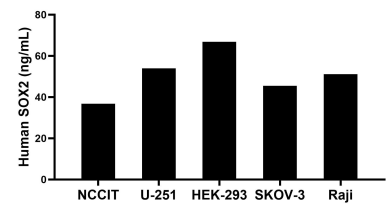
Selected Validation Data



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.