

For Research Use Only

SOX2 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 83059-9-PBS



Basic Information

Catalog Number: 83059-9-PBS	GenBank Accession Number: BC013923	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6657	CloneNo.: 252889B7
Source: Rabbit	UNIPROT ID: P48431	
Isotype: IgG	Full Name: SRY (sex determining region Y)-box 2	
Immunogen Catalog Number: AG0612	Calculated MW: 34 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

83059-9-PBS targets SOX2 as part of a matched antibody pair:

MP00077-3: 83059-6-PBS capture and 83059-9-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

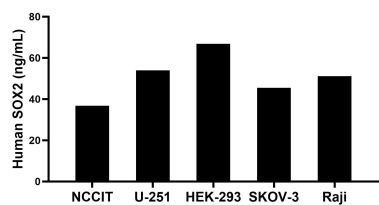
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

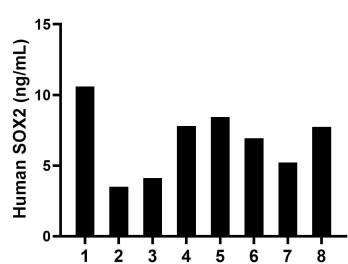
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

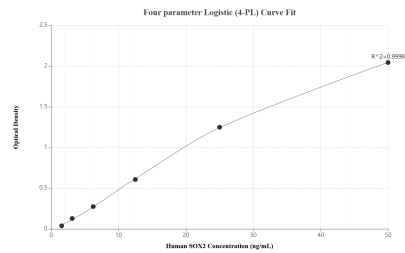
Selected Validation Data



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.



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.



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.