

For Research Use Only

POU2F1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85726-4-PBS



Basic Information

Catalog Number: 85726-4-PBS	GenBank Accession Number: BC003571	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5451	CloneNo.: 243074B12
Source: Rabbit	UNIPROT ID: P14859	
Isotype: IgG	Full Name: POU class 2 homeobox 1	
Immunogen Catalog Number: AG0586	Calculated MW: 76 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85726-4-PBS targets POU2F1 as part of a matched antibody pair:

MP02071-1: 85726-4-PBS capture and 85726-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP02071-2: 85726-4-PBS capture and 85726-3-PBS detection (validated in Cytometric bead array)

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

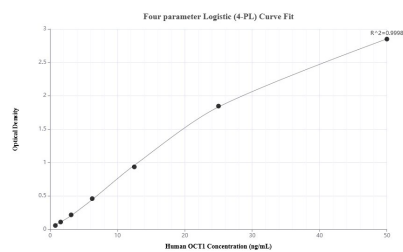
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

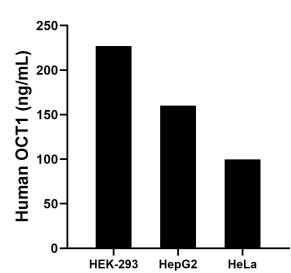
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

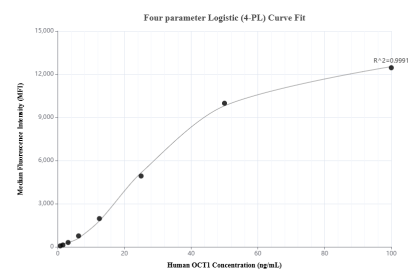
Selected Validation Data



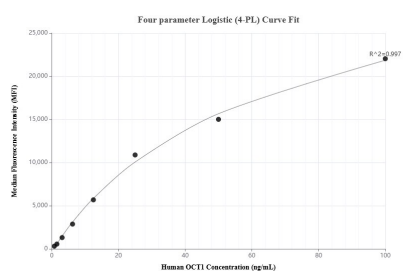
Sandwich ELISA standard curve of MP02071-1, Human OCT1 Recombinant Matched Antibody Pair - PBS only. 85726-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0586. 85726-2-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean OCT1 concentration was determined to be 226.91 ng/mL in HEK-293 cell extract based on a 2.2 mg/mL extract load, 160.11 ng/mL in HepG2 cell extract based on a 1.8 mg/mL extract load and 99.94 ng/mL in HeLa cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP02071-2, OCT1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85726-4-PBS. Detection antibody: 85726-3-PBS. Standard: Ag0586. Range: 0.781-100 ng/mL



Cytometric bead array standard curve of MP02071-1, OCT1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85726-4-PBS. Detection antibody: 85726-2-PBS. Standard: Ag0586. Range: 0.781-100 ng/mL