

For Research Use Only

PRMT3 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83969-4-PBS



Basic Information

Catalog Number: 83969-4-PBS	GenBank Accession Number: BC037544	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10196	CloneNo.: 241092G3
Source: Rabbit	UNIPROT ID: O60678	
Isotype: IgG	Full Name: protein arginine methyltransferase 3	
Immunogen Catalog Number: AG13466	Calculated MW: 531 aa, 60 kDa	

Applications

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

Species Specificity:
human

Product Information

83969-4-PBS targets PRMT3 as part of a matched antibody pair:

MP00892-2: 83969-4-PBS capture and 83969-1-PBS detection (validated in Cytometric bead array)

MP00892-4: 83969-8-PBS capture and 83969-4-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

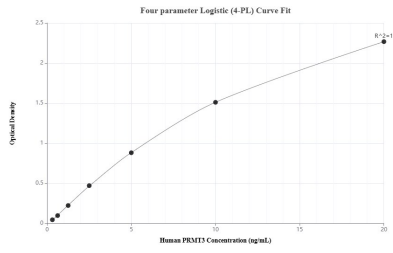
For technical support and original validation data for this product please contact:

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

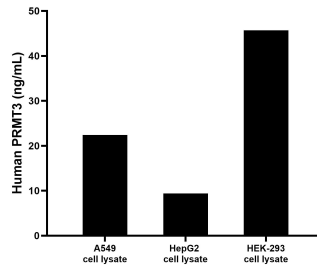
E: proteintech@ptglab.com
W: ptglab.com

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

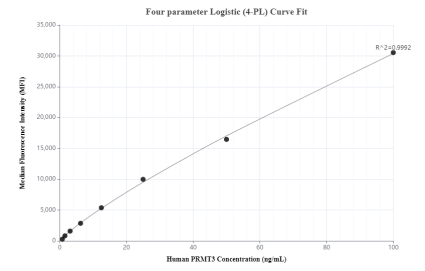
Selected Validation Data



Sandwich ELISA standard curve of MP00892-4, Human PRMT3 Recombinant Matched Antibody Pair - PBS only. 83969-8-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag13466. 83969-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



A549, HepG2 and HEK-293 cell lysate were measured. The human PRMT3 concentration of detected samples was determined to be 22.38 ng/mL (based on a 1.0 mg/mL extract load) in A549 cell lysate, 9.39 ng/mL (based on a 1.2 mg/mL extract load) in HepG2 cell lysate and 45.68 ng/mL (based on a 1.2 mg/mL extract load) in HEK-293 cell lysate.



Cytometric bead array standard curve of MP00892-2, PRMT3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83969-4-PBS. Detection antibody: 83969-1-PBS. Standard: Ag13466. Range: 0.781-100 ng/mL