

For Research Use Only

DNMT3A Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 81474-2-PBS



Basic Information

Catalog Number: 81474-2-PBS	GenBank Accession Number: BC043617	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1788	CloneNo.: 242257D3
Source: Rabbit	UNIPROT ID: Q9Y6K1	
Isotype: IgG	Full Name: DNA (cytosine-5-)-methyltransferase 3 alpha	
Immunogen Catalog Number: AG15111	Calculated MW: 912 aa, 102 kDa	

Applications

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

Species Specificity:
human

Product Information

81474-2-PBS targets DNMT3A as part of a matched antibody pair:

MP01598-1: 81474-3-PBS capture and 81474-2-PBS detection (validated in Cytometric bead array)

MP01598-2: 81474-2-PBS capture and 81474-4-PBS detection (validated in Cytometric bead array)

MP01598-3: 81474-2-PBS capture and 81474-3-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

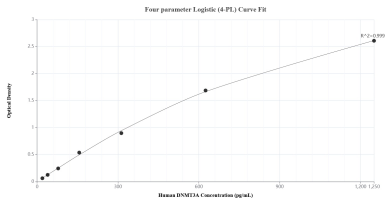
For technical support and original validation data for this product please contact:

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

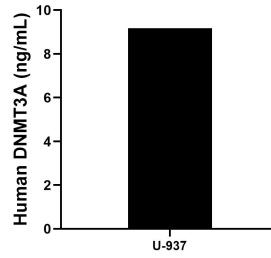
E: proteintech@ptglab.com
W: ptglab.com

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

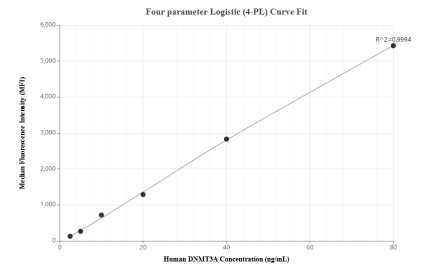
Selected Validation Data



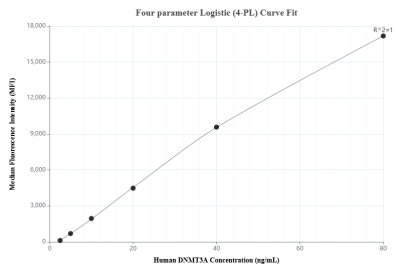
Sandwich ELISA standard curve of MP01598-3, Human DNMT3A Recombinant Matched Antibody Pair - PBS only. 81474-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag15111. 81474-3-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL.



The mean DNMT3A concentration was determined to be 9.2 ng/mL in U-937 cell extract based on a 3.0 mg/mL extract load.



Cytometric bead array standard curve of MP01598-2, DNMT3A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 81474-2-PBS. Detection antibody: 81474-4-PBS. Standard: Ag15111. Range: 2.5-80 ng/mL.



Cytometric bead array standard curve of MP01598-1, DNMT3A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 81474-3-PBS. Detection antibody: 81474-2-PBS. Standard: Ag15111. Range: 2.5-80 ng/mL.