

For Research Use Only

Bacteriophage t7 T7 RNA polymerase Recombinant antibody, PBS Only (Capture)

Catalog Number: 84959-1-PBS



Basic Information

Catalog Number: 84959-1-PBS	GenBank Accession Number: NP_041960	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1261050	CloneNo.: 242544A5
Source: Rabbit	UNIPROT ID: P00573	
Isotype: IgG	Full Name: T7 RNA polymerase	
Immunogen Catalog Number: AG32001	Calculated MW: 99 kDa	

Applications

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

Species Specificity:
bacteriophage t7

Product Information

84959-1-PBS targets T7 RNA polymerase as part of a matched antibody pair:

MP01722-2: 84959-1-PBS capture and 84959-3-PBS detection (validated in Cytometric bead array, 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

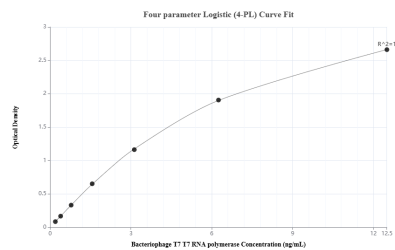
Storage:
Store at -80°C.

Storage Buffer:
PBS only

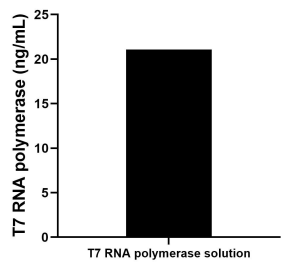
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

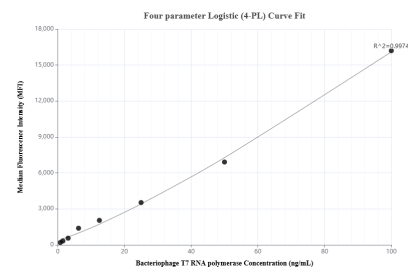
Selected Validation Data



Sandwich ELISA standard curve of MP01722-2, Bacteriophage T7 T7 RNA polymerase Recombinant Matched Antibody Pair - PBS only. 84959-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag32001. 84959-3-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL



The mean T7 RNA polymerase concentration was determined to be 21.07 ng/mL in T7 RNA polymerase solution (CW3393) bought from CW BIO.



Cytometric bead array standard curve of MP01722-2, BACTERIOPHAGE T7 T7 RNA polymerase Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84959-1-PBS. Detection antibody: 84959-3-PBS. Standard: Ag32001. Range: 0.781-100 ng/mL