

For Research Use Only

# TRUB1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 85746-1-PBS



## Basic Information

<b>Catalog Number:</b> 85746-1-PBS	<b>GenBank Accession Number:</b> BC030601	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 142940	<b>CloneNo.:</b> 243129F4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WWH5	
<b>Isotype:</b> IgG	<b>Full Name:</b> TruB pseudouridine (psi) synthase homolog 1 (E. coli)	
<b>Immunogen Catalog Number:</b> AG3213	<b>Calculated MW:</b> 349 aa, 37 kDa	
	<b>Observed MW:</b> 36 kDa, 39 kDa	

## Applications

**Tested Applications:**  
WB, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Product Information

85746-1-PBS targets TRUB1 as part of a matched antibody pair:

MP02110-2: 85746-3-PBS capture and 85746-1-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.

## Background Information

TRUB1 gene encodes a 349-amino acid product, with a VFAVHKPKGPTSA box in positions 71-83 corresponding to motif I of the TruB family (probably involved in conserving protein structure). This protein may be responsible for synthesis of pseudouridine from uracil in transfer RNAs.

## Storage

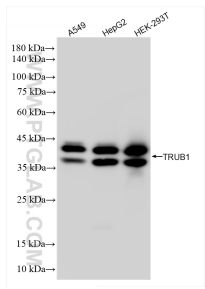
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

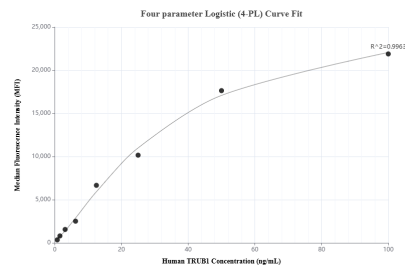
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected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



Various lysates were subjected to SDS PAGE followed by western blot with 85746-1-RR (TRUB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85746-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP02110-2, TRUB1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85746-3-PBS. Detection antibody: 85746-1-PBS. Standard: Ag3213. Range: 0.781-100 ng/mL.