

For Research Use Only

TRIM56 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84896-5-PBS



Basic Information

Catalog Number: 84896-5-PBS	GenBank Accession Number: BC048194	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 81844	CloneNo.: 242497B4
Source: Rabbit	UNIPROT ID: Q9BRZ2	
Isotype: IgG	Full Name: tripartite motif-containing 56	
Immunogen Catalog Number: AG21992	Calculated MW: 755 aa, 81 kDa	
	Observed MW: 81 kDa	

Applications

Tested Applications:
WB, IF/ICC, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84896-5-PBS targets TRIM56 as part of a matched antibody pair:

MP01657-3: 84896-5-PBS capture and 84896-6-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.

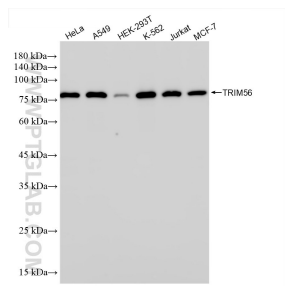
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only

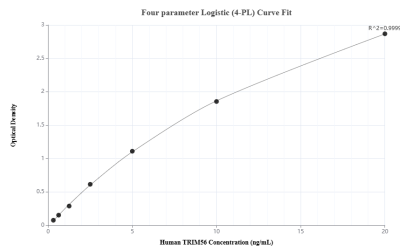
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

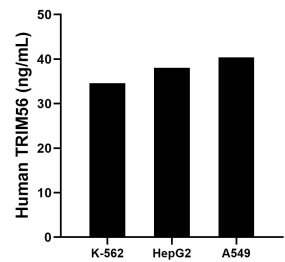
Selected Validation Data



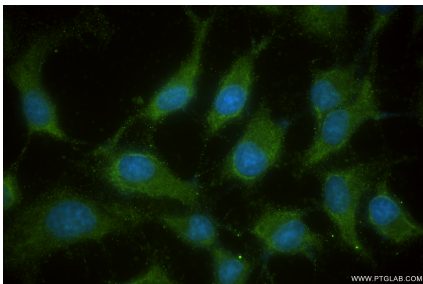
Various lysates were subjected to SDS PAGE followed by western blot with 84896-5-RR (TRIM56 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84896-5-PBS in a different storage buffer formulation.



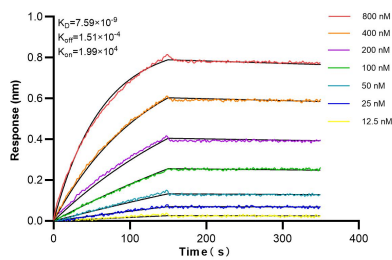
Sandwich ELISA standard curve of MP01657-3, Human TRIM56 Recombinant Matched Antibody Pair - PBS only. 84896-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag21992. 84896-6-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean TRIM56 concentration was determined to be 34.62 ng/mL in K-562 cell extract based on a 2.4 mg/mL extract load, 38.07 ng/mL in HepG2 cell extract based on a 1.0 mg/mL extract load and 40.37 ng/mL in A549 cell extract based on a 2.0 mg/mL extract load.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using TRIM56 antibody (84896-5-RR, Clone: 242497B4) at dilution of 1:200 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84896-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84896-5-RR against Human TRIM56 were performed. The affinity constant is 7.59 nM.