

TRIM34 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83316-2-PBS

Basic Information

Catalog Number: 83316-2-PBS	GenBank Accession Number: NM_001003827	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 53840	CloneNo.: 240180E2
Source: Rabbit	UNIPROT ID: Q9BYJ4	
Isotype: IgG	Full Name: tripartite motif-containing 34	
Immunogen Catalog Number: AG34444	Calculated MW: 57 kDa	

Applications

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

Species Specificity:
Human

Product Information

83316-2-PBS targets TRIM34 as part of a matched antibody pair:

MP00340-3: 83316-2-PBS capture and 83316-3-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.

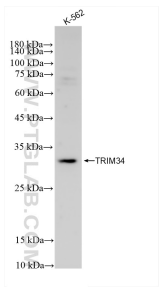
Storage

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

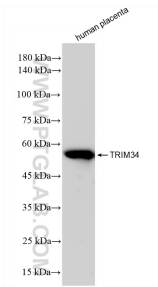
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

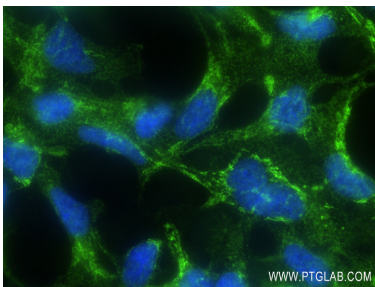
Selected Validation Data



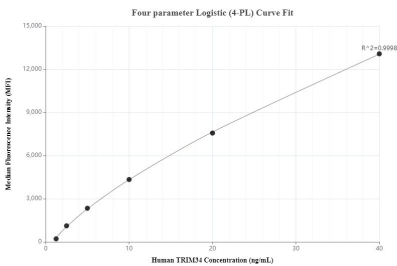
K-562 cells were subjected to SDS PAGE followed by western blot with 83316-2-RR (TRIM34 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83316-2-PBS in a different storage buffer formulation.



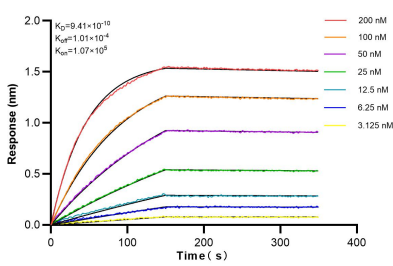
human placenta tissue were subjected to SDS PAGE followed by western blot with 83316-2-RR (TRIM34 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83316-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using TRIM34 antibody (83316-2-RR, Clone: 240180E2) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83316-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00340-3, TRIM34 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83316-2-PBS. Detection antibody: 83316-3-PBS. Standard: Ag34444. Range: 1.25-40 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83316-2-RR against Human TRIM34 were performed. The affinity constant is 0.941 nM.