
Product Name: KD-Validated Tripartite Motif Containing 25 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVAAb01458**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 71.0kDa

Antigen Information

Gene Name	TRIM25 TRIM25; Tripartite Motif Containing 25; RNF147; EFP; ZNF147; Zinc Finger Protein 147 (Estrogen-Responsive Finger Protein); RING-Type E3 Ubiquitin Transferase TRIM25; Ubiquitin/ISG15-Conjugating Enzyme TRIM25; Tripartite Motif-Containing Protein 25;
Alternative Names	Estrogen-Responsive Finger Protein; E3 Ubiquitin/ISG15 Ligase TRIM25; RING Finger Protein 147; RING-Type E3 Ubiquitin Transferase; Tripartite Motif Protein TRIM25; Tripartite Motif-Containing 25; Zinc Finger Protein-147; Zinc Finger Protein 147; EC 6.3.2.N3; EC 2.3.2.27; Z147
Gene ID	7706.0
SwissProt ID	Q14258

Immunogen

A synthesized peptide derived from human TRIM25

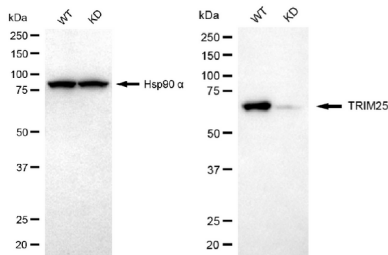
Background

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein is an RNA binding protein, functions as a ubiquitin E3 ligase and is involved in multiple cellular processes, including regulation of antiviral innate immunity. [provided by RefSeq, Sep 2021]

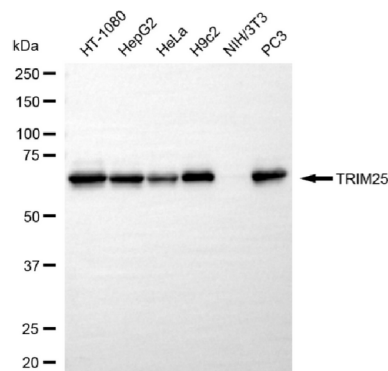
Research Area

Cell Biology,Signal Transduction,Epigenetics and Nuclear Signaling

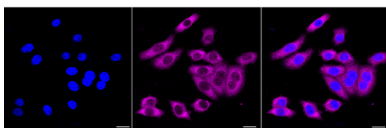
Image Data



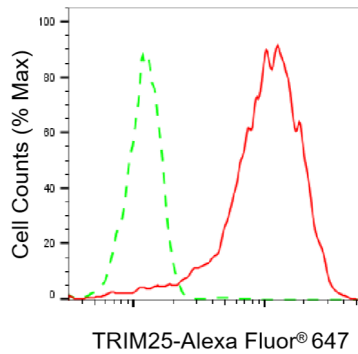
Western blotting analysis using TRIM25 antibody (KVA01458). TRIM25 expression in wild-type (WT) and TRIM25 knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with TRIM25 antibody (KVA01458, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using TRIM25 antibody (KVA01458). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TRIM25 antibody (KVA01458, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with TRIM25 antibody (KVA01458, 1:1,000). Nuclei were stained blue with DAPI; TRIM25 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20 µm.



Flow cytometric analysis of TRIM25 expression in HepG2 cells using TRIM25 antibody (KVA01458, 1:2,000). Green, isotype control; red, TRIM25.