

Product Name: KD-Validated TTLL12 Mouse Monoclonal Antibody**Catalog #: KVA00295**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Mouse 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 1:500-1:2,500; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 74.4kDa

Antigen Information

Gene Name	TTLL12
Alternative Names	TTLL12; Tubulin Tyrosine Ligase Like 12; KIAA0153; Inactive Tubulin--Tyrosine Ligase-Like Protein 12; Tubulin--Tyrosine Ligase-Like Protein 12; Tubulin Tyrosine Ligase-Like Family, Member 12; Tubulin Tyrosine Ligase-Like Family Member 12; DJ526I14.2
Gene ID	23170.0
SwissProt ID	Q14166
Immunogen	Recombinant protein of human TTLL12

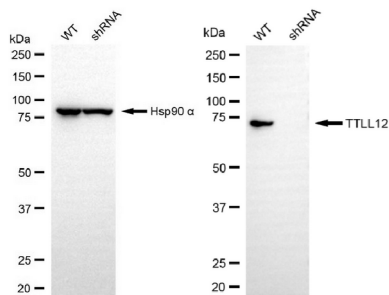
Background

Enables histone H4K20me3 reader activity and tubulin binding activity. Involved in negative regulation of type I interferon-mediated signaling pathway and regulation of mitotic cell cycle. Located in cytosol and plasma membrane. [provided by

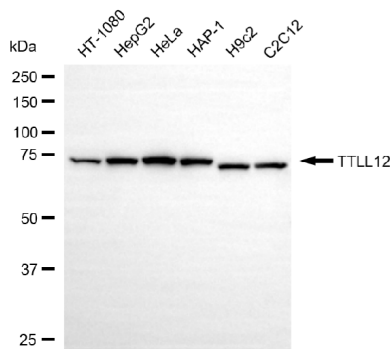
Research Area

Signal Transduction

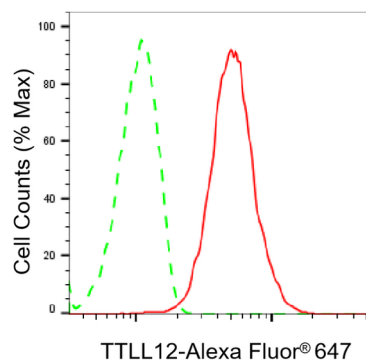
Image Data



Western blotting analysis using TTLL12 antibody (KVA00295). TTLL12 expression in wild-type (WT) and TTLL12 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with TTLL12 antibody (KVA00295, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using TTLL12 antibody (KVA00295). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TTLL12 antibody (KVA00295, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Flow cytometric analysis of TTLL12 expression in HepG2 cells using TTLL12 antibody (KVA00295, 1:2,000). Green, isotype control; red, TTLL12.