

Product Name: KD-Validated CLIP1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01637**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,M
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: 162.2kDa

Antigen Information

Gene Name	CLIP1 CLIP1; CAP-Gly Domain Containing Linker Protein 1; CLIP-170; CYLN1; CLIP170; CLIP; RSN; Restin (Reed-Steinberg Cell-Expressed Intermediate Filament-Associated Protein); CAP-Gly
Alternative Names	Domain-Containing Linker Protein 1; Cytoplasmic Linker Protein 170 Alpha-2; Cytoplasmic Linker Protein 1; Restin; Reed-Sternberg Intermediate Filament-Associated Protein; Cytoplasmic Linker Protein CLIP-170
Gene ID	6249.0
SwissProt ID	P30622
Immunogen	A synthesized peptide derived from CLIP170

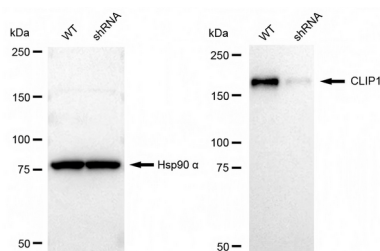
Background

The protein encoded by this gene links endocytic vesicles to microtubules. This gene is highly expressed in Reed-Sternberg cells of Hodgkin disease. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

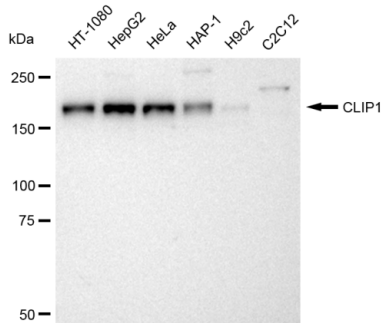
Research Area

Cell Biology, Signal Transduction, Cancer

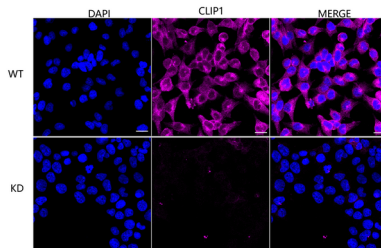
Image Data



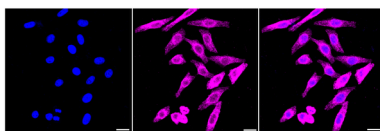
Western blotting analysis using CLIP1 antibody (KVA01637). CLIP1 expression in wild type (WT) and CLIP1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with CLIP1 antibody (KVA01637, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



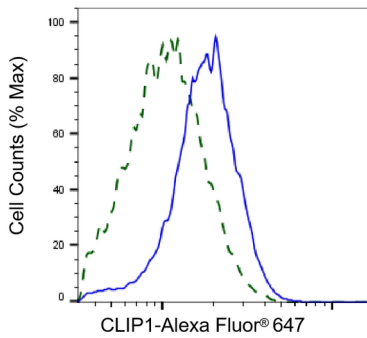
Western blotting analysis using CLIP1 antibody (KVA01637). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with CLIP1 antibody (KVA01637, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



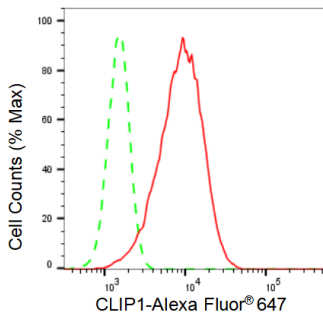
Immunocytochemical staining of HeLa cells using CLIP1 antibody (KVA01637, 1:1,000), Top panel: wild-type (WT); Bottom panel: CLIP1 shRNA knockdown (KD). Nuclei were stained blue with DAPI; CLIP1 was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm. Permeabilization: Triton.



Immunocytochemical staining of HepG2 cells with CLIP1 antibody (KVA01637, 1:1,000). Nuclei were stained blue with DAPI; CLIP1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar: 20 µm.



Validation of CLIP1 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with CLIP1 antibody (KVA01637, 1:2,000) and analyzed using CytoFLEX.



Flow cytometric analysis of CLIP1 expression in HepG2 cells using CLIP1 antibody (KVA01637, 1:2,000). Green, isotype control; red, CLIP1.