

Product Name: KD-Validated Cullin 2 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01373**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,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: 87.0kDa

Antigen Information

Gene Name	CUL2
Alternative Names	CUL2; Cullin 2; Cullin-2; CUL-2; Testis Secretory Sperm-Binding Protein Li 238E
Gene ID	8453.0
SwissProt ID	Q13617
Immunogen	A synthesized peptide derived from human Cullin 2

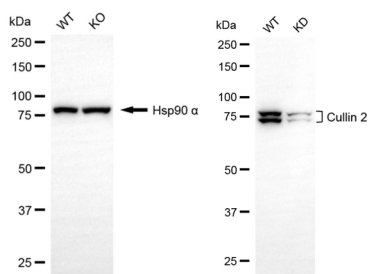
Background

Enables ubiquitin ligase complex scaffold activity and ubiquitin protein ligase binding activity. Involved in ubiquitin-dependent protein catabolic process via the C-end degron rule pathway. Located in nucleoplasm. Part of Cul2-RING ubiquitin ligase complex. [provided by Alliance of Genome Resources, Jul 2025]

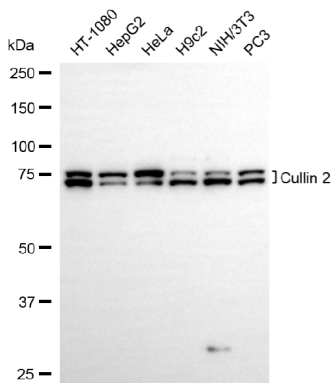
Research Area

Cell Biology,Cancer

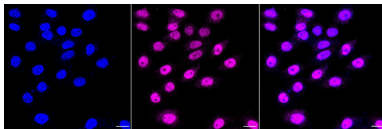
Image Data



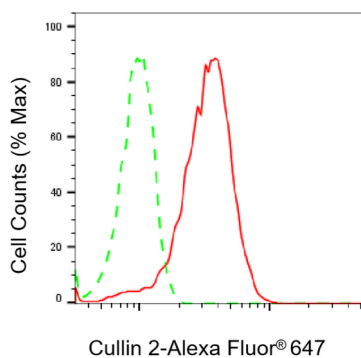
Western blotting analysis using cullin 2 antibody (KVA01373). Cullin 2 expression in wild-type (WT) and cullin 2 (CUL2) knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with cullin 2 antibody (KVA01373, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using cullin 2 antibody (KVA01373). Total cell lysates (15 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with cullin 2 antibody (KVA01373, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with cullin 2 antibody (KVA01373, 1:1,000). Nuclei were stained blue with DAPI; Cullin 2 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.



Flow cytometric analysis of Cullin 2 expression in HepG2 cells using Cullin 2 antibody (KVA01373, 1:2,000). Green, isotype control; red, Cullin 2.