Product Name: KD-Validated CRADD Recombinant Rabbit Monoclonal Antibody
Catalog #: KVAb01302
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: 22.7kDa

Antigen Information

Gene Name	CRADD
Alternative Names	CRADD; CASP2 And RIPK1 Domain Containing Adaptor With Death Domain; RAIDD; RIP-Associated ICH1/CED3-Homologous Protein With Death Domain; Death Domain-Containing Protein CRADD; RIP-Associated Protein With A Death Domain; Caspase And RIP Adaptor With Death Domain; Caspase And RIP Adapter With Death Domain; Death Domain Containing Protein CRADD; Death Adaptor Molecule RAIDD; CRADD/LYZ Fusion; MRT34
Gene ID	8738.0
SwissProt ID	P78560
Immunogen	A synthesized peptide derived from human RAIDD

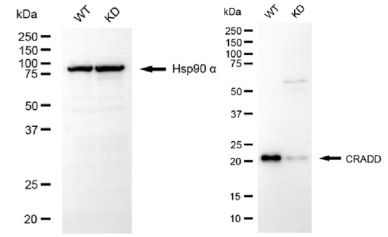
Background

This gene encodes a protein containing a death domain (DD) motif. This protein recruits caspase 2/ICH1 to the cell death signal transduction complex, which includes tumor necrosis factor receptor 1 (TNFR1A) and RIPK1/RIP kinase, and acts in promoting apoptosis. A mutation in this gene was associated with cognitive disability. A related pseudogene is found on chromosome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

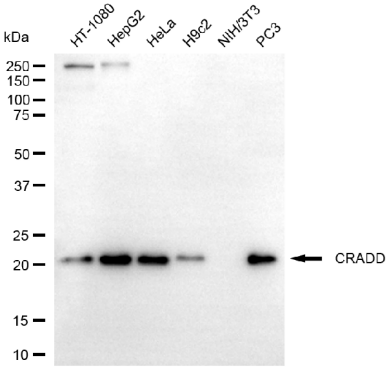
Research Area

Cell Biology,Cancer

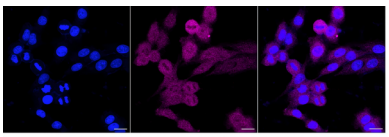
Image Data



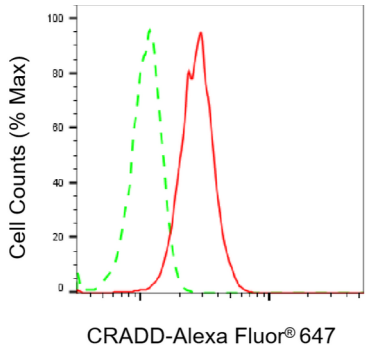
Western blotting analysis using CRADD antibody (KVAb01302). CRADD expression in wild type (WT) and CRADD knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with CRADD antibody (KVAb01302, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using CRADD antibody (KVAb01302). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with CRADD antibody (KVAb01302, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with CRADD antibody (KVAb01302, 1:1,000). Nuclei were stained blue with DAPI; CRADD 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 CRADD expression in HepG2 cells using CRADD antibody (KVAb01302, 1:2,000). Green, isotype control; red, CRADD.