

Product Name: KD-Validated CRKL Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01183**

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: 33.8kDa

Antigen Information

Gene Name	CRKL
Alternative Names	CRKL; CRK Like Proto-Oncogene, Adaptor Protein; V-Crk Avian Sarcoma Virus CT10 Oncogene Homolog-Like; Crk-Like Protein
Gene ID	1399.0
SwissProt ID	P46109
Immunogen	A synthesized peptide derived from human CrkL

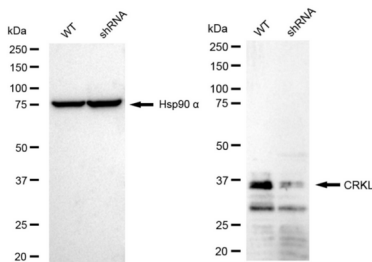
Background

This gene encodes a protein kinase containing SH2 and SH3 (src homology) domains which has been shown to activate the RAS and JUN kinase signaling pathways and transform fibroblasts in a RAS-dependent fashion. It is a substrate of the BCR-ABL tyrosine kinase, plays a role in fibroblast transformation by BCR-ABL, and may be oncogenic.[provided by RefSeq, Jan 2009]

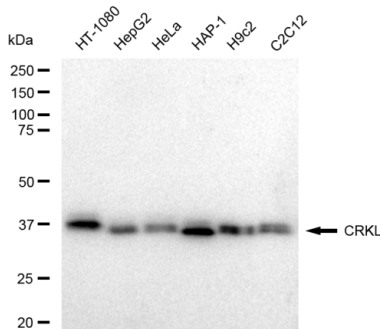
Research Area

Neuroscience, Epigenetics and Nuclear Signaling, Signal Transduction, Cancer

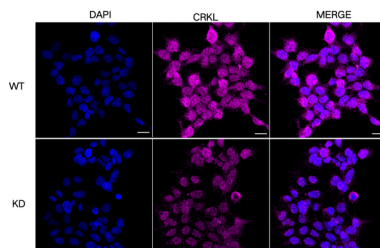
Image Data



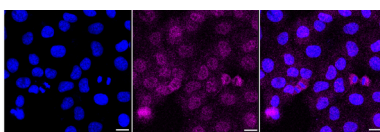
Western blotting analysis using CRKL antibody (KVA01183). CRKL expression in wild type (WT) and CRKL shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with CRKL antibody (KVA01183, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



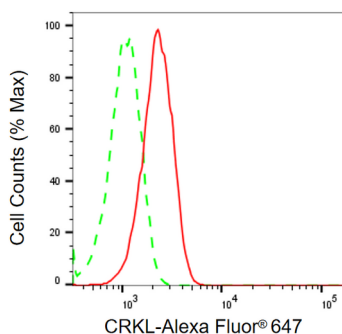
Western blotting analysis using CRKL antibody (KVA01183). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with CRKL antibody (KVA01183, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells using CRKL antibody (KVA01183, 1:1,000). Top panel: wild-type (WT); Bottom panel: CRKL shRNA knockdown (KD). Nuclei were stained blue with DAPI; CRKL was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm.



Immunocytochemical staining of HT-1080 cells with CRKL antibody (KVA01183, 1:1,000). Nuclei were stained blue with DAPI; CRKL 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 CRKL expression in HT-1080 cells using CRKL antibody (KVA01183, 1:2,000). Green, isotype control; red, CRKL.