

Product Name: KD-Validated CRYZL1 Mouse Monoclonal Antibody**Catalog #: KVA00587**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
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 1:1,000-1:5,000; FC 1:100-1:1,000
Molecular Weight	Calculated MW: 38.7kDa

Antigen Information

Gene Name	CRYZL1
Alternative Names	CRYZL1; Crystallin Zeta Like 1; QOH-1; 4P11; FERRY4; Fy-4; Crystallin, Zeta (Quinone Reductase)-Like 1; Quinone Oxidoreductase-Like Protein 1; Quinone Oxidoreductase Homolog 1; Quinone Reductase-Like 1; Zeta-Crystallin Homolog; Protein 4P11; Ferry Endosomal RAB5 Effector Complex Subunit 4; EC 1.-.-
Gene ID	9946.0
SwissProt ID	O95825
Immunogen	Recombinant protein of human CRYZL1

Background

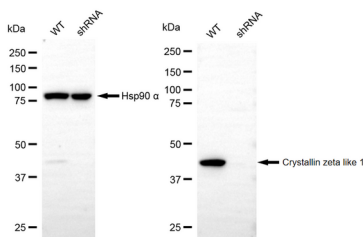
This gene encodes a protein that has sequence similarity to zeta crystallin, also known as quinone oxidoreductase. This zeta

crystallin-like protein also contains an NAD(P)H binding site. Alternatively spliced transcript variants have been observed but their full-length nature has not been completely determined. [provided by RefSeq, Jul 2008]

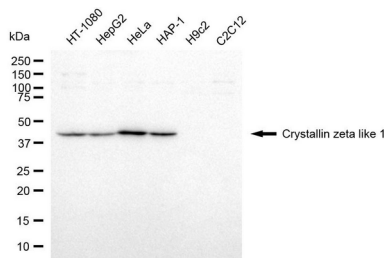
Research Area

Cell Biology

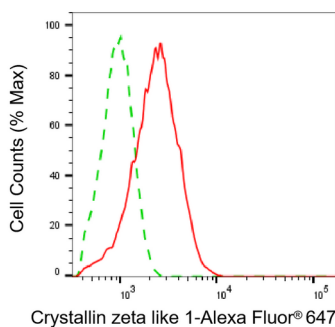
Image Data



Western blotting analysis using crystallin zeta like 1 antibody (KVA00587). Crystallin zeta like 1 expression in wild-type (WT) and crystallin zeta like 1 (CRYZL1) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with crystallin zeta like 1 antibody (KVA00587, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using crystallin zeta like 1 antibody (KVA00587). Total cell lysates (20 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with crystallin zeta like 1 antibody (KVA00587, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Flow cytometric analysis of Crystallin zeta like 1 expression in HeLa cells using Crystallin zeta like 1 antibody (KVA00587, 1:1,000). Green, isotype control; red, Crystallin zeta like 1.