
Product Name: KD-Validated PERP Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00903**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
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
Molecular Weight	Calculated MW: 21.4kDa

Antigen Information

Gene Name	PERP P53 Apoptosis Effector Related To PMP22; KRTCAP1; PIGPC1; KCP1; THW; DJ496H19.1; P53 Apoptosis Effector Related To PMP-22; Keratinocyte-Associated Protein 1; PERP, TP53
Alternative Names	Apoptosis Effector; P53-Induced Protein PIGPC1; Transmembrane Protein THW; KCP-1; Keratinocytes Associated Protein 1; Keratinocyte Associated Protein 1; 1110017A08Rik; EKVP7; OLMS2
Gene ID	64065.0
SwissProt ID	Q96FX8
Immunogen	A synthesized peptide derived from human PERP

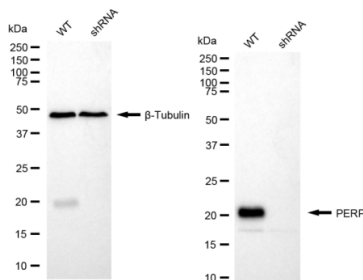
Background

Involved in positive regulation of neutrophil chemotaxis and positive regulation of proteolysis. Predicted to be located in desmosome and plasma membrane. Predicted to be active in cell-cell junction. Implicated in erythrokeratoderma variabilis and mutilating palmoplantar keratoderma with periorificial keratotic plaques. [provided by Alliance of Genome Resources, Jul 2025]

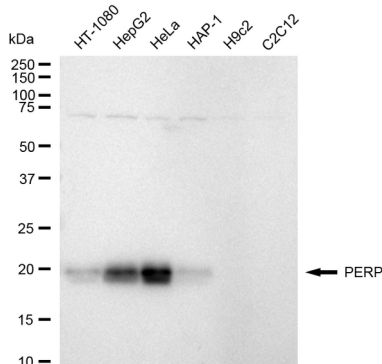
Research Area

Cell Biology,Signal Transduction

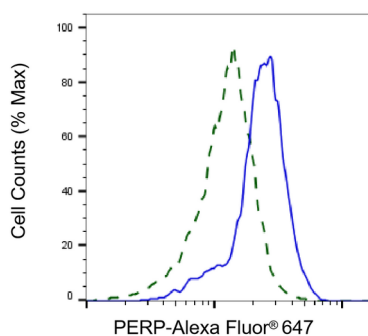
Image Data



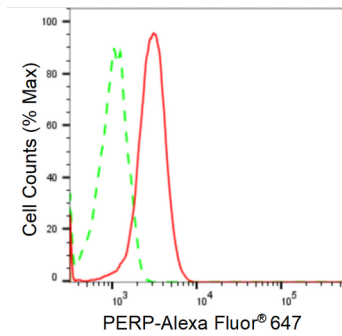
Western blotting analysis using PERP antibody (KVA00903). PERP expression in wild type (WT) and PERP shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with PERP antibody (KVA00903, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using PERP antibody (KVA00903). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with PERP antibody (KVA00903, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Validation of PERP knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with PERP antibody (KVA00903, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of PERP expression in HeLa cells using PERP antibody (KVA00903, 1:2,000). Green, isotype control; red, PERP.