

Product Name: KO-Validated Ezrin Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00124**

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: 69.4kDa

Antigen Information

Gene Name	EZR
Alternative Names	EZR; Ezrin; VIL2; Villin 2 (Ezrin); Cytovillin 2; P81; Epididymis Secretory Protein Li 105; Cytovillin; HEL-S-105; Villin-2; CVIL; CVL
Gene ID	7430.0
SwissProt ID	P15311
Immunogen	A synthesized peptide derived from human Ezrin

Background

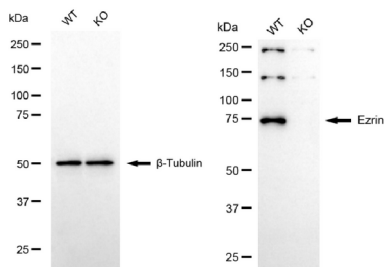
The cytoplasmic peripheral membrane protein encoded by this gene functions as a protein-tyrosine kinase substrate in microvilli. As a member of the ERM protein family, this protein serves as an intermediate between the plasma membrane and the actin cytoskeleton. This protein plays a key role in cell surface structure adhesion, migration and organization, and it has

been implicated in various human cancers. A pseudogene located on chromosome 3 has been identified for this gene. Alternatively spliced variants have also been described for this gene. [provided by RefSeq, Jul 2008]

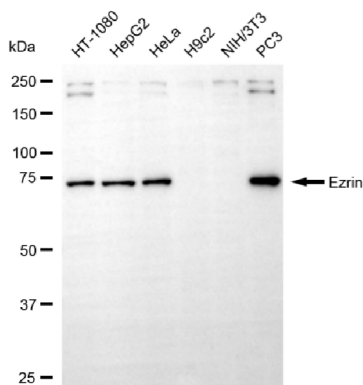
Research Area

Signal Transduction,Cancer

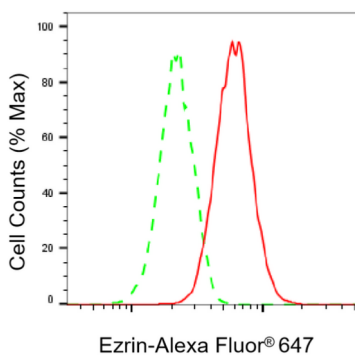
Image Data



Western blotting analysis using ezrin antibody (KVA00124). Ezrin expression in wild-type (WT) and ezrin (EZR) knockout (KO) HeLa cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with ezrin antibody (KVA00124, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using ezrin antibody (KVA00124). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ezrin antibody (KVA00124, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of Ezrin expression in HAP-1 cells using Ezrin antibody (KVA00124, 1:2,000). Green, isotype control; red, Ezrin.