

**Catalog #: 71193** 

#### **Aliases**

EZR; Ezrin; VIL2; Villin 2 (Ezrin); Cytovillin 2; P81; Epididymis Secretory Protein Li 105; Cytovillin; HEL-S-105; Villin-2; CVIL; CVL

## **Background**

Gene Name: EZR

NCBI Gene Entry: 7430 UniProt Entry: P15311

# **Application Information**

Molecular Weight: Predicted, 69 kDa; observed, 72 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB2410

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## **Immunogen**

A synthesized peptide derived from human Ezrin

## **Isotype**

Rabbit IgG

## **Storage Buffer**

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

#### **Storage**

Store at -20 °C for one year.

#### **Recommended Dilutions**

Western blotting (WB): 1:1,000-1:5,000

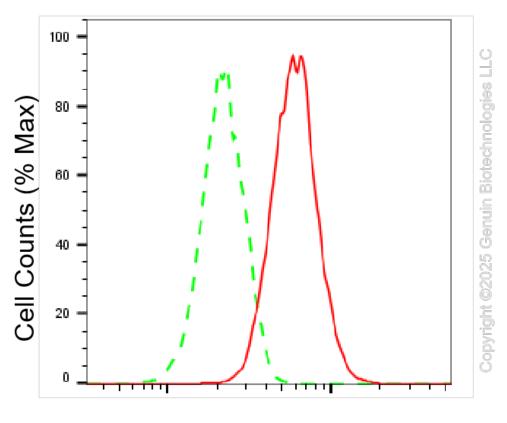
Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

**Note:** This product is for research use only.

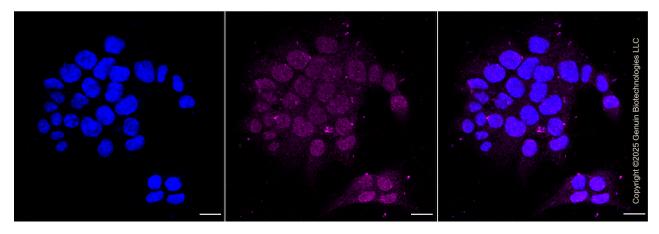
#### Validation Data

TEL: +1-540-855-7041



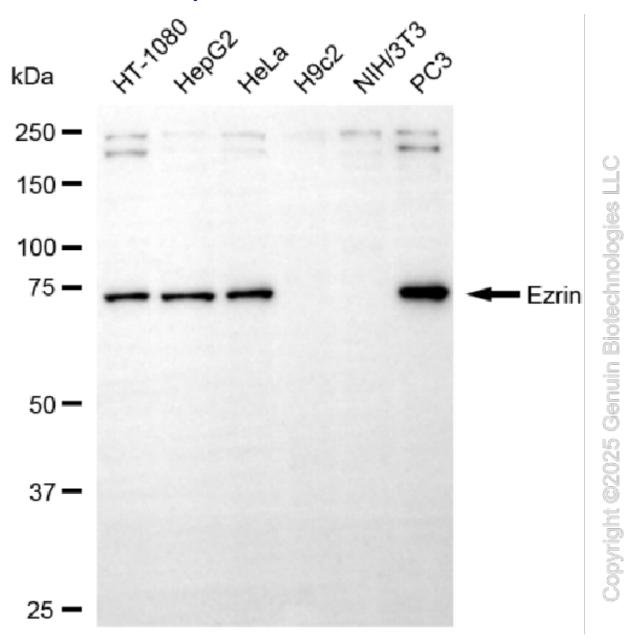
Ezrin-Alexa Fluor® 647

Flow cytometric analysis of Ezrin expression in HAP-1 cells using Ezrin antibody (Cat#71193, 1:2,000). Green, isotype control; red, Ezrin.

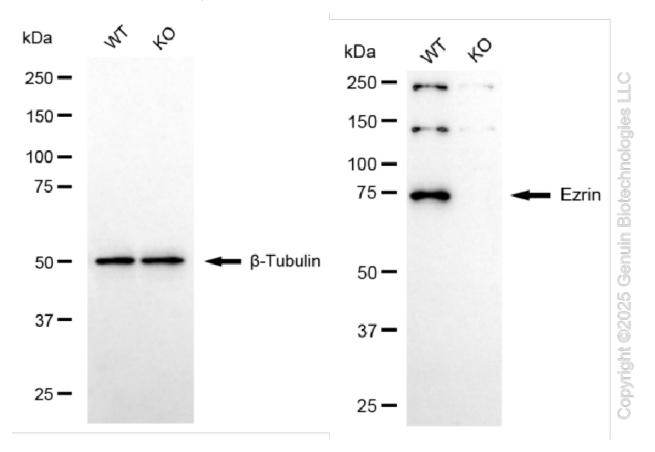


Immunocytochemical staining of HAP-1 cells with anti-Ezrin antibody (Cat#71193, 1:1,000). Nuclei were stained blue with DAPI; Ezrin was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μm.

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Western blotting analysis using anti-ezrin antibody (Cat#71193). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ezrin antibody (Cat#71193, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ<sup>TM</sup> ECL Substrate Kit (Cat#716).



Western blotting analysis using anti-ezrin antibody (Cat#71193). Ezrin expression in wild-type (WT) and ezrin (EZR) knockout (KO) HeLa cells with 20  $\mu$ g of total cell lysates.  $\beta$ -Tubulin serves as a loading control. The blot was incubated with anti-ezrin antibody (Cat#71193, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ<sup>TM</sup> ECL Substrate Kit (Cat#716).