

**Product Name: EZR Mouse Monoclonal Antibody**  
**Catalog #: AMM81484**



## Summary

<b>Production Name</b>	EZR Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ICC,FC,ELISA
<b>Reactivity</b>	Human,Mouse,Monkey

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	EZR
<b>Alternative Names</b>	CVL; CVIL; VIL2; HEL-S-105
<b>Gene ID</b>	7430.0
<b>SwissProt ID</b>	P15311.Purified recombinant fragment of human EZR (AA: 292-464) expressed in E. Coli.

## Application

<b>Dilution Ratio</b>	WB:1:500-1:2000,ICC:1:100-1:400,FC:1:200-1:400,ELISA:1:10000
<b>Molecular Weight</b>	69.4kDa

## Background

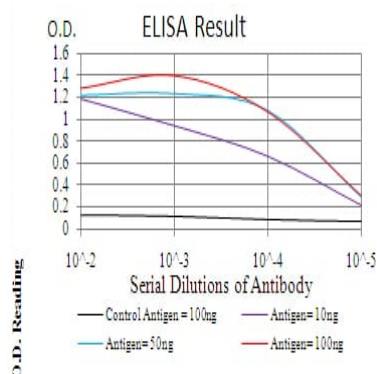
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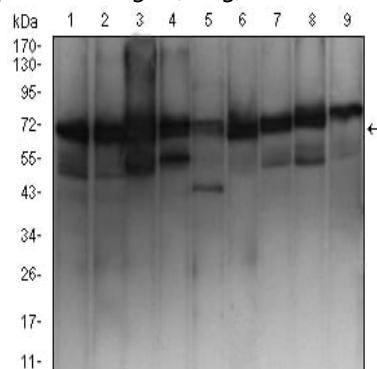
The cytoplasmic peripheral membrane protein encoded by this gene functions as a protein-tyrosine kinase substrate in microvilli. As a member of the ERM protein family, this protein serves as an intermediate between the plasma membrane and the actin cytoskeleton. This protein plays a key role in cell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

## Research Area

## Image Data

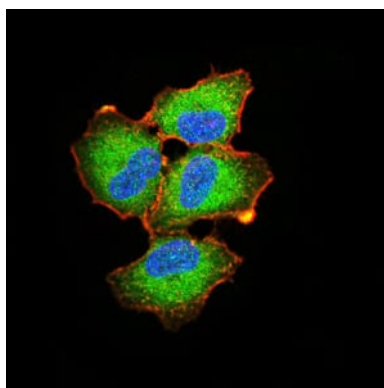


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

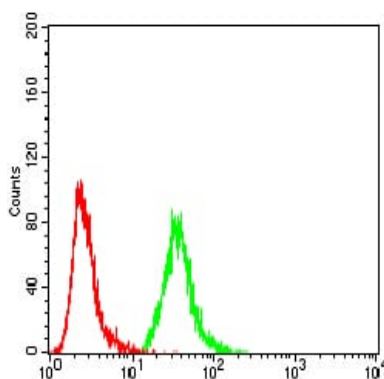


Western blot analysis using EZR mouse mAb against MCF-7 (1), Hela (2), A431 (3), Hek293 (4), SK-N-SH (5), Jurkat (6), HepG2 (7), NIH/3T3 (8), and Cos7 (9) cell lysate.

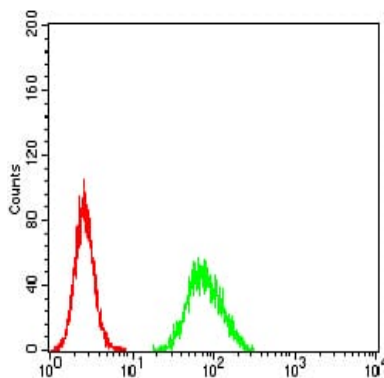
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Immunofluorescence analysis of A549 cells using EZR mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of MCF-7 cells using EZR mouse mAb (green) and negative control (red).



Flow cytometric analysis of Hela cells using EZR mouse mAb (green) and negative control (red).

## Note

For research use only.