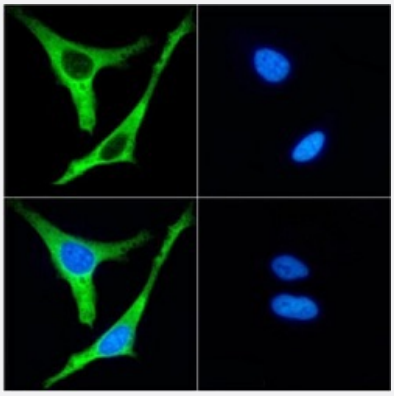
RecomAb™

EZR recombinant monoclonal antibody, clone SAIC-37C-23

Catalog # RAB03434 Size 200 ug

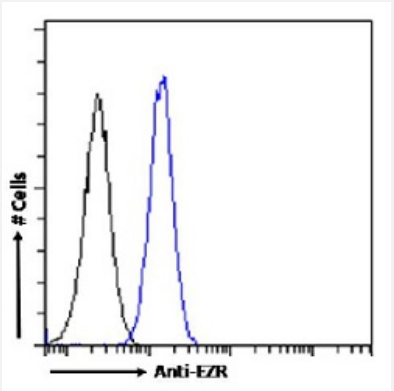
Applications

Immunofluorescence



Immunofluorescent staining of Hela cells with EZR recombinant monoclonal antibody, clone SAIC-37C-23 (Cat # RAB03434)
Immunofluorescence analysis of paraformaldehyde fixed Hela cells stained with the chimeric r version of RAB03434 at a dilution of 1:100 for 1h followed by Alexa Fluor® 488 secondary antibody at a dilution of 1:1000, showing cytoplasmic staining. The nuclear stain is DAPI (blue). The isotype control was stained with an unknown specificity antibody followed by Alexa Fluor® 488 secondary antibody.
(A) RAB03434
(B) DAPI
(C) Merged channels
(D) Isotype control

Flow Cytometry



Flow cytometric analysis of Hela cells with EZR recombinant monoclonal antibody, clone SAIC-37C-23 (Cat # RAB03434).
Paraformaldehyde fixed Hela cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control-black line) or the r version of RAB03434 (blue line) at a dilution of 1:100 for 1h at RT. After washing the bound antibody was detected using a goat anti-r AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human EZR.

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Antibody Species	Rabbit
Immunogen	Original antibody is raised against the KLH-conjugated peptide "SGYLSSER" derived from Ezrin.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG
Recommend Usage	Flow Cytometry Immunofluorescence Immuno-MRM (multiple reaction monitoring) Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence

  Immunofluorescent staining of Hela cells with EZR recombinant monoclonal antibody, clone SAIC-37C-23 (Cat # RAB03434) Immunofluorescence analysis of paraformaldehyde fixed Hela cells stained with the chimeric r version of RAB03434 at a dilution of 1:100 for 1h followed by Alexa Fluor® 488 secondary antibody at a dilution of 1:1000, showing cytoplasmic staining. The nuclear stain is DAPI (blue). The isotype control was stained with an unknown specificity antibody followed by Alexa Fluor® 488 secondary antibody.
  (A) RAB03434
  (B) DAPI
  (C) Merged channels
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- Flow Cytometry

  Flow cytometric analysis of Hela cells with EZR recombinant monoclonal antibody, clone SAIC-37C-23 (Cat # RAB03434). Paraformaldehyde fixed Hela cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control-black line) or the r version of RAB03434 (blue line) at a dilution of 1:100 for 1h at RT. After washing the bound antibody was detected using a goat anti-r AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

- Immuno-MRM (multiple reaction monitoring)

- Western Blot

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Gene Info — EZR

Entrez GeneID	7430
Gene Name	EZR
Gene Alias	CVIL, CVL, DKFZp762H157, FLJ26216, MGC1584, VIL2
Gene Description	ezrin
Omim ID	123900
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	OTTHUMP00000017506|OTTHUMP00000017507|cytovillin 2|villin 2 (ezrin)

Pathway

- Leukocyte transendothelial migration
- Pathogenic Escherichia coli infection - EHEC
- Regulation of actin cytoskeleton

Disease

- Asthma
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypersensitivity
- Lung Neoplasms

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- Ovarian Neoplasms
- Pulmonary Disease
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Werner syndrome

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