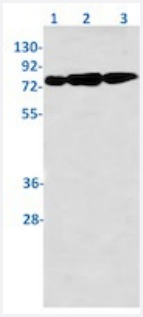
RecomAb™

EZR (phospho Thr567/Thr564/Thr558) recombinant monoclonal antibody, clone R03-1G3

Catalog # RAB01787 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane1: Hela, Lane2: CHO-K1 and Lane3: C6 lysates with EZR (phospho Thr567/Thr564/Thr558) recombinant monoclonal antibody, clone R03-1G3 (Cat # RAB01787).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human EZR.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding Thr567 of human EZR.
Theoretical MW (kDa)	Calculated MW: 69 kD
Reactivity	Hamster, Human, Mouse, Rat
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG

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Recommend Usage	Immunohistochemistry (1:50-1/100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunoprecipitation
- Western Blot

  Western blot analysis of Lane1: Hela, Lane2: CHO-K1 and Lane3: C6 lysates with EZR (phospho Thr567/Thr564/Thr558) recombinant monoclonal antibody, clone R03-1G3 (Cat # RAB01787).

Gene Info — EZR

Entrez GeneID	7430
Protein Accession#	P15311
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-tyrosin e kinase substrate in microvilli. As a member of the ERM protein family, this protein serves as an i ntermediate between the plasma membrane and the actin cytoskeleton. This protein plays a key r ole in cell surface structure adhesion, migration and organization, and it has been implicated in va rious 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

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

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