

Mouse anti-Human Ezrin Monoclonal Antibody | anti-EZR antibody

Anti-Ezrin Antibody, Mouse Monoclonal

CATALOG # AAA255611	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Ezrin; Monoclonal Antibody; Anti-Ezrin Antibody; Mouse Monoclonal; Ezrin/villin 2/EZR Antibody; Mouse MAb; ezrin; Anti-CVIL Antibody; Anti-CVL Antibody; Anti-HEL-S-105 Antibody; Anti-VIL2 Antibody; anti-EZR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	02
Specificity	Human Ezrin/villin 2/EZR
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-EZR antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant Human Ezrin/villin 2/EZR Protein
Conjugation	Unconjugated
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human Ezrin/villin 2/EZR (rh Ezrin/villin 2/EZR). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

EZR was immunoprecipitated using: Lane A: 0.5 mg Hela Whole Cell Lysate; Lane B: 0.5 mg HepG2 Whole Cell Lysate; 0.5 uL anti-EZR mouse monoclonal antibody and 60 ug of Immunomagnetic beads Protein G. Primary antibody: Anti-EZR mouse monoclonal antibody, at 1:500 dilution. Secondary antibody: Dylight 800-labeled antibody to Mouse IgG (H+L), at 1:7500 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 69 kDa. Observed band size: 90 kDa.



WB (Western Blot)

Anti-EZR mouse monoclonal antibody at 1:500 dilution. Lane A: HepG2 Whole Cell Lysate; Lane B: Jurkat Whole Cell Lysate; Lane C: A431 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Mouse IgG H&L (Dylight 800) at 1/15000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 69 kDa. Observed band size: 90 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-EZR antibody	VIL2, also known as villin-2, belongs to the ERM protein family. It is expressed in cerebral cortex, basal ganglia, hippocampus, hypophysis, and optic nerve. VIL2 contains 1 FERM domain and may be involved in connections of major cytoskel
Product Categories/Family for anti-EZR antibody	B Cell Receptor Signaling Pathway
References	Grnholm M, et al. (1999) Homotypic and heterotypic interaction of the neurofibromatosis 2 tumor suppressor protein merlin and the ERM protein ezrin. J Cell Sci. 112(6):895-904.Sitaraman, et al. (2002) The adenosine 2b receptor is recruited to the plasma membrane and associates with E3KARP and Ezrin upon agonist stimulation. J Biol Chem. 277(36):33188-95.Gould KL, et al. (1989) cDNA cloning and sequencing of the protein-tyrosine kinase substrate, ezrin, reveals homology to band 4.1. EMBO J. 8(13):4133-42.

NCBI AND UNIPROT INFORMATION

NCBI GI #	161702986
NCBI GeneID	7430
NCBI Accession #	NP_001104547.1
NCBI GenBank Nucleotide #	NM_001111077.1
UniProt Accession #	P15311; P23714; Q4VX75; Q96CU8; Q9NSJ4; E1P5A8
Molecular Weight	69,413 Da
NCBI Official Full Name	ezrin
NCBI Official Synonym Full Names	ezrin
NCBI Official Symbol	EZR
NCBI Official Synonym Symbols	CVL; CVIL; VIL2
NCBI Protein Information	ezrin; p81; villin-2; cytovillin 2; villin 2 (ezrin)
UniProt Protein Name	Ezrin
UniProt Gene Name	EZR
UniProt Synonym Gene Names	VIL2
UniProt Entry Name	EZRI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ezrin-antibody-clone-02-immunoprecipitation-western-blot-elisa/255611>