

Ezrin(Phospho-Thr567) Antibody

Catalog No: #11202



Package Size: #11202-1 50ul #11202-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

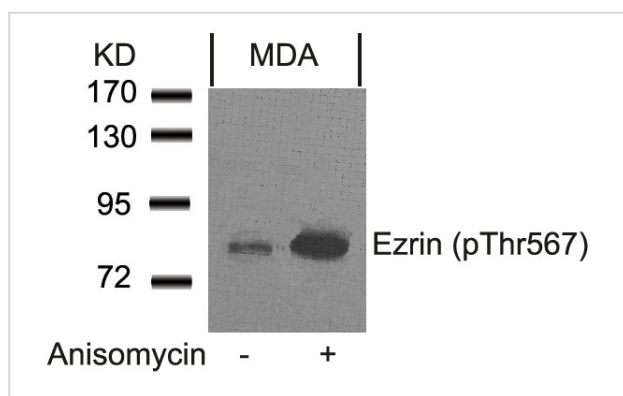
Product Name	Ezrin(Phospho-Thr567) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of Ezrin only when phosphorylated at threonine 567.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 567 (Y-K-T(p)-L-R) derived from Human Ezrin.
Conjugates	Unconjugated
Target Name	Ezrin
Modification	Phospho
Other Names	Cytovillin; EZRI; VIL2; Villin 2; p81
Accession No.	Swiss-Prot: P15311NCBI Protein: NP_001104547.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 81kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from MDA cells untreated or treated with anisomycin using Ezrin(Phospho-Thr567) Antibody #11202.

Background

Probably involved in connections of major cytoskeletal structures to the plasma membrane. In epithelial cells, required for the formation of microvilli and membrane ruffles on the apical pole. Along with PLEKHG6, required for normal macropinocytosis.

Zhou R, et al. (2005) J Cell Sci: 118 (Pt 19): 4381-91

Shiue H, et al.(2005) J Biol Chem: 280(2): 1688-95

Zhao H, et al. (2004) Proc Natl Acad Sci U S A: 101(25): 9485-90

Fievet BT, et al. (2004) J Cell Biol: 164(5): 653-9

Published Papers

Yazhou Cui, Tianliang Li, Denglu Zhang et al., Expression of Ezrin and Phosphorylated Ezrin (pEzrin) in Pancreatic Ductal Adenocarcinoma., Cancer Investigation, 28(3) 242-247(2010)

[PMID:20158339](#)

el at., Cosmc-dependent mucin-type O-linked glycosylation is essential for podocyte function.In Am J Physiol Renal Physiol on 2020 Feb by Stotter BR, Talbot BE, et al..PMID:31904283 , , (2020)

[PMID:31904283](#)

el at., Expression of Ezrin and Phosphorylated Ezrin (pEzrin) in Pancreatic Ductal Adenocarcinoma.In Cancer Invest on 2010 Mar by Cui Y1, Li T,et al..PMID:20158339, , (2010)

[PMID:20158339](#)

el at., Prognostic implications of ezrin and phosphorylated ezrin expression in non-small cell lung cancer.In BMC Cancer on 2014 Mar 15 by Tiefeng Jin, Jingchun Jin et al ..PMID: 24629131, , (2014)

[PMID:24629131](#)

el at., Clustered PI (4, 5) P2 accumulation and ezrin phosphorylation in response to CLIC5A. In J Cell Sci on 2014 Dec 15 by Abass Al-Momany, Laiji Li, et al..PMID:25344252

, , (2014)

[PMID:25344252](#)

el at., Clustered phosphatidylinositol 4, 5 bisphosphate accumulation and ezrin phosphorylation in response to CLIC5A. In J Cell Sci on 2014 Dec 15 by Abass Al-Momany, Laiji Li,et al..PMID:25344252, , (2014)

[PMID:25344252](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.