

Datasheet: VMA00344

Description:	MOUSE ANTI EZRIN
Specificity:	EZRIN
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Isotype:	IgG2b
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Recombinant human ezrin
External Database Links	UniProt: P15311 Related reagents Entrez Gene: 7430 EZR Related reagents

Synonyms

VIL2

Specificity**Mouse anti Human ezrin antibody** recognizes human ezrin, otherwise known as p81 or villin 2.

Ezrin is a 586 amino acid, cytoplasmic peripheral membrane protein containing a single FERM domain and member of the ezrin, radixin, moesin (ERM) protein family, which acts as protein-tyrosine kinase substrate. Ezrin is enriched in microvilli and other cell surface structures and plays a key role in cell surface structure adhesion, membrane trafficking, motility and organization (Ng *et al.* 2001). Ezrin acts as a linker protein between the plasma membrane and the actin cytoskeleton, and provides anchorage for cell surface molecules such as ICAM and CD44 (Finnerty *et al.* 2004). Studies have implicated ezrin in the metastatic capacity of various types of human tumors including breast, prostate, bone, endometrial and colon cancers (Ohtani *et al.* 1999, Elzaqheid *et al.* 2008).

Mouse anti Human ezrin antibody recognizes ezrin as a single band of 80 kDa in multiple human cell line lysates by western blotting under reducing conditions.

Western Blotting

Anti ezrin detects a band of approximately 80 kDa in HeLa cell lysates

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety InformationMaterial Safety Datasheet documentation #10040 available at:
Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>**Regulatory**

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)**North & South America**

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