

Datasheet: VMA00344

BATCH NUMBER 172050

Description:	MOUSE ANTI EZRIN
Specificity:	EZRIN
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	CPTC26
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
Flow Cytometry	▪			
Immunoprecipitation	▪			
Western Blotting	▪			1/1000
Immunofluorescence	▪			

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Learn about [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. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

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).
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	Recombinant human ezrin
External Database Links	<p>UniProt: P15311 Related reagents</p> <p>Entrez Gene: 7430 EZR Related reagents</p>
Synonyms	VIL2
Specificity	<p>Mouse anti Human ezrin antibody recognizes human ezrin, otherwise known as p81 or villin 2.</p> <p>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 <i>et al.</i> 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 <i>et al.</i> 2004). Ezrin is involved in the metastatic capacity of various types of human tumors including breast, prostate, bone, endometrial and colon cancers (Ohtani <i>et al.</i> 1999, Elzaqheid <i>et al.</i> 2008).</p> <p>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.</p>
Western Blotting	Anti ezrin detects a band of approximately 80 kDa in HeLa cell lysates.
Storage	This product is shipped at ambient temperature. 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 Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00344
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 \(MCA691\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M443456:250709'

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