

Datasheet: VMA00299

BATCH NUMBER 151204

Description:	MOUSE ANTI 14-3-3 ZETA/DELTA
Specificity:	14-3-3 ZETA/DELTA
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. 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 ascites

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Immunogen	Recombinant protein from human 14-3-3 zeta/delta
External Database Links	<p>UniProt: P63104 Related reagents</p> <p>Entrez Gene: 7534 YWHAZ Related reagents</p>
Specificity	<p>Mouse anti Human 14-3-3 zeta/delta antibody recognizes the 14-3-3 protein zeta/delta also known as 14-3-3 delta, 14-3-3 protein/cytosolic phospholipase A2, 14-3-3 zeta, epididymis luminal protein 4, epididymis secretory protein Li 3, phospholipase A2, protein kinase C inhibitor protein 1, tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, delta polypeptide, tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide and tyrosine 3/tryptophan 5-monooxygenase activation protein, zeta polypeptide.</p> <p>A product of the YWHAZ gene, 14-3-3 zeta/delta belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse, rat and sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for YWHAZ (provided by RefSeq, Oct 2008).</p> <p>Mouse anti Human 14-3-3 protein zeta/delta antibody detects a band of 28 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti 14-3-3 zeta/delta detects a band of approximately 28 kDa in A431 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 Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00299 Antibody (10040)
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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