

Datasheet: VMA00256

Description:	MOUSE ANTI BUB1B
Specificity:	BUB1B
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI5D9
Isotype:	IgG1
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
Immunoprecipitation	▪			
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
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from ascites.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.
Immunogen	Full-length protein expressed in 293T cell transfected with human BUB1B expression vector

External Database Links	UniProt: O60566 Related reagents Entrez Gene: 701 BUB1B Related reagents
Synonyms	BUBR1, MAD3L, SSK1
Specificity	<p>Mouse anti Human BUB1B antibody, clone OTI5D9 recognizes the mitotic checkpoint serine/threonine-protein kinase BUB1 beta, also known as MAD3/BUB1-related protein kinase, budding uninhibited by benzimidazoles 1 homolog beta, mitotic checkpoint kinase MAD3L and mitotic checkpoint serine/threonine-protein kinase BUB1 beta.</p> <p>The BUB1B gene encodes a kinase involved in spindle checkpoint function. This protein has been localized to the kinetochore and plays a role in the inhibition of the anaphase-promoting complex/cyclosome (APC/C), delaying the onset of anaphase and ensuring proper chromosome segregation. Impaired spindle checkpoint function has been found in many forms of cancer (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human BUB1B antibody, clone OTI5D9 detects a band of 130 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti BUB1B detects a band of approximately 130 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 Information	Material Safety Datasheet documentation #10048 available at: https://www.bio-rad-antibodies.com/SDS/VMA00256 Antibody (10048)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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