

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
Western Blotting	■			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant 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	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
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	Mouse anti Human BUB1B antibody 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. 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). Mouse anti Human BUB1B antibody detects a band of 130 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti BUB1B detects a band of approximately 130 kDa in HeLa cell lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf
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 \(MCA928\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

'M284566:160321'

Printed on 30 Apr 2018