

Datasheet: VMA00256

**BATCH NUMBER 151112**

<b>Description:</b>	MOUSE ANTI BUB1B
<b>Specificity:</b>	BUB1B
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Clone:</b>	OTI5D9
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Mouse monoclonal antibody purified by affinity chromatography from ascites
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin 50% Glycerol
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml

**Immunogen** Full-length protein expressed in 293T cell transfected with human BUB1B expression vector

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**External Database Links**

**UniProt:**

[O60566](#) [Related reagents](#)

**Entrez Gene:**

[701](#) BUB1B [Related reagents](#)

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**Synonyms** BUBR1, MAD3L, SSK1

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**Specificity** **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.

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, clone OTI5D9 detects a band of 130 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Anti BUB1B detects a band of approximately 130 kDa in HeLa cell lysates

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

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**Guarantee** 12 months from date of despatch

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information** Material Safety Datasheet documentation #10048 available at: <https://www.bio-rad-antibodies.com/SDS/VMA00256>  
Antibody (10048)

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

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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](https://bio-rad-antibodies.com/datasheets)  
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