

## Datasheet: VMA00296

<b>Description:</b>	MOUSE ANTI TAB2
<b>Specificity:</b>	TAB2
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<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
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> )
<b>Immunogen</b>	Purified recombinant fragment of human TAB2 expressed in <i>E. coli</i>

### External Database Links

#### UniProt:

[Q9NYJ8](#)

[Related reagents](#)

#### Entrez Gene:

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<b>Synonyms</b>	KIAA0733, MAP3K7IP2
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<b>Specificity</b>	<p><b>Mouse anti Human TAB2 antibody</b> recognizes the TGF-beta-activated kinase 1 and MAP3K7-binding protein 2, also known as TAK1-binding protein 2, mitogen-activated protein kinase and kinase kinase 7-interacting protein 2.</p> <p>Encoded by the TAB2 gene, TGF-beta-activated kinase 1 and MAP3K7-binding protein 2 is an activator of MAP3K7/TAK1, which is required for for the IL-1 induced activation of nuclear factor kappaB and MAPK8/JNK. This protein forms a kinase complex with TRAF6, MAP3K7 and TAB1, thus serves as an adaptor linking MAP3K7 and TRAF6. This protein, TAB1, and MAP3K7 also participate in the signal transduction induced by TNFSF11/RANKI through the activation of the receptor activator of NF-kappB (TNFRSF11A/RANK), which may regulate the development and function of osteoclasts (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human TAB2 antibody detects a band of 88 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
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<b>Western Blotting</b>	Anti TAB2 detects a band of approximately 88 kDa in HEK293 cell lysates
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<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
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<b>Guarantee</b>	12 months from date of despatch
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<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: Antibody (10040): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
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<b>Regulatory</b>	For research purposes only
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## 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](https://www.bio-rad-antibodies.com/datasheets)

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