

Datasheet: VMA00051

BATCH NUMBER 151873

Description:	RAT ANTI TUBULIN ALPHA
Specificity:	TUBULIN ALPHA
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	YOL1/34
Isotype:	IgG2a
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
Immunofluorescence	▪			

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

Yeast

Species Cross Reactivity

Reacts with: Mouse, Rat, Human
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

Rat monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Yeast tubulin
Specificity	<p>Rat anti Human Tubulin alpha antibody recognizes alpha tubulin, a 451 amino acid protein and major constituent of microtubules. Rat anti Human tubulin alpha antibody binds to a C-terminal epitope located between residues 414 and 422. Alpha tubulin is highly conserved between species and is expressed at high levels in most cells under a variety of conditions rendering it a suitable target as a loading control for western blotting.</p> <p>Rat anti Human tubulin alpha antibody recognizes alpha tubulin as a single band of ~52 kDa in multiple cell lysates from multiple species by western blotting under reducing conditions.</p>
Western Blotting	Anti tubulin alpha antibody detects a band of approximately 52 kDa in Jurkat 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/VMA00051 Antibody (10040)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rat IgG (STAR72...) [HRP](#)

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