

Datasheet: MCA78G

Description:	RAT ANTI TUBULIN ALPHA
Specificity:	TUBULIN ALPHA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	YOL1/34
Isotype:	IgG2a
Quantity:	0.5 mg

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
Flow Cytometry			■	
Immunohistology - Frozen	■			
Immunohistology - Paraffin			■	
ELISA	■			10ug/ml as detecting antibody
Immunoprecipitation			■	
Western Blotting	■			
Immunofluorescence	■			
Radioimmunoassays	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Yeast
Species Cross Reactivity	Reacts with: Drosophila, Human, Arabidopsis, Saccharomyces, Platyzoa, Ashbya, Mouse, Naegleria, Asplenium nidus, Seagrass (Cymodocea nodosa) Based on sequence similarity, is expected to react with: Birds, Mammals, Fungal N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Carrier Free	Yes

Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Yeast tubulin.
Fusion Partners	Spleen cells from immunized LOU rats were fused with cells of the rat YB2/0 myeloma cell line.
Specificity	Rat anti Tubulin alpha antibody, clone YOL1/34 recognizes the alpha subunit of tubulin. The reactivity pattern is similar to that seen with clone YL1/2. Rat anti Tubulin alpha antibody, clone YOL1/34 is routinely tested in ELISA on Tubulin.
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Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Related Products

Recommended Secondary Antibodies

Rabbit Anti Rat IgG (STAR16...)	DyLight®800
Goat Anti Rat IgG (STAR73...)	RPE
Rabbit Anti Rat IgG (STAR21...)	HRP
Rabbit Anti Rat IgG (STAR17...)	FITC
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...)	DyLight®649 , DyLight®800
Goat Anti Rat IgG (STAR131...)	Alk. Phos. , Biotin
Goat Anti Rat IgG (STAR69...)	FITC
Goat Anti Rat IgG (STAR72...)	HRP

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