Datasheet: MCA78G

Product Details

**Description:** RAT ANTI TUBULIN ALPHA

**Specificity:** TUBULIN ALPHA

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** YOL1/34

**Isotype:** IgG2a

**Quantity:** 0.5 mg

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### 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).

<table>
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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Flow Cytometry</td>
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<td>10μg/ml as detecting antibody</td>
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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, Platyzoma, 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.

References

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
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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