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

**RRID** AB_325005

**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>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELISA</td>
<td></td>
<td></td>
<td></td>
<td>10ug/ml as detecting antibody</td>
</tr>
<tr>
<td>Immunoprecipitation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Blotting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunofluorescence</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Radioimmunoassays</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

Guarantee
18 months from date of despatch.

Health And Safety
Material Safety Datasheet documentation #10040 available at:
Related Products

Recommended Secondary Antibodies

- Rabbit Anti Rat IgG (STAR17...)
- Goat Anti Rat IgG (STAR69...)
- Goat Anti Rat IgG (STAR131...)
- Goat Anti Rat IgG (STAR73...)
- Rabbit Anti Rat IgG (STAR21...)
- Goat Anti Rat IgG (STAR72...)
- Rabbit Anti Rat IgG (STAR16...)
- Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...

<table>
<thead>
<tr>
<th>Antibody Type</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit Anti Rat IgG</td>
<td>FITC</td>
</tr>
<tr>
<td>Goat Anti Rat IgG</td>
<td>FITC</td>
</tr>
<tr>
<td>Goat Anti Rat IgG</td>
<td>Alk. Phos., Biotin</td>
</tr>
<tr>
<td>Goat Anti Rat IgG</td>
<td>RPE</td>
</tr>
<tr>
<td>Goat Anti Rat IgG</td>
<td>HRP</td>
</tr>
<tr>
<td>Rabbit Anti Rat IgG</td>
<td>HRP</td>
</tr>
<tr>
<td>Rabbit Anti Rat IgG</td>
<td>DyLight®800</td>
</tr>
<tr>
<td>Goats Anti Rat IgG (MOUSE ADSORBED)</td>
<td>DyLight®800</td>
</tr>
</tbody>
</table>

© 2019 Bio-Rad Laboratories Inc | Legal | Imprint