Datasheet: MCA2716

<table>
<thead>
<tr>
<th>Description:</th>
<th>MOUSE ANTI ASTROVIRUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity:</td>
<td>ASTROVIRUS</td>
</tr>
<tr>
<td>Format:</td>
<td>Purified</td>
</tr>
<tr>
<td>Product Type:</td>
<td>Monoclonal Antibody</td>
</tr>
<tr>
<td>Clone:</td>
<td>8E7</td>
</tr>
<tr>
<td>Isotype:</td>
<td>IgG1</td>
</tr>
<tr>
<td>Quantity:</td>
<td>1 mg</td>
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</tbody>
</table>

Product Details

RRID  AB_915148

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.

<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>
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<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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</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  Viral

Product Form  Purified IgG - liquid

Preparation  Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

Buffer Solution  Phosphate buffered saline

Preservative Stabilisers  0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations  IgG concentration 1.0mg/ml

Immunogen  Astrovirus type 2 expressed in LLC MK₂ cells.

External Database  UniProt: 
**Specificity**

Mouse anti Astrovirus antibody, clone 8E7 recognises a genus specific epitope within the viral capsid protein of all human astrovirus serotypes. Mouse anti Astrovirus antibody, clone 8E7 does not cross-react with rotavirus (SA11), SRSV, adenovirus type 2, 40 and 41, norwalk virus 8F11, Hawaii virus, coxsackievirus types A9 and B2, calcivirus and snow mountain virus.

Astrovirus is a non-enveloped single-stranded RNA virus of the Astroviridae family, and a common causative agent of gastroenteritis in the young and adults (Oishi et al. 1994).

**References**


**Further Reading**


**Storage**

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. 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 Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**