**Product Details**

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>Applications</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>1/100 - 1/400</td>
</tr>
<tr>
<td>Immunohistology - Paraffin</td>
<td>✗</td>
<td></td>
<td></td>
<td>1/100</td>
</tr>
<tr>
<td>Western Blotting</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 the appropriate negative/positive controls.

**Target Species**

Mouse

**Species Cross Reactivity**

Reacts with: Sheep

N.B. Antibody reactivity and working conditions may vary between species.

**Product Form**

Purified IgM - liquid.

**Preparation**

Purified IgM prepared by dialysis and gel filtration

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.09% Sodium Azide (NaN$_3$)

**Approx. Protein Concentrations**

0.2 mg/ml

**Immunogen**

Forssman glycosphingolipid.

**RRID**

AB_620446
**Specificity**

Rat anti Forssmann glycosphingolipid antibody, clone FOM-1 recognizes Forssmann glycosphingolipid (FO GSL).

FO GSL is a glycosphingolipid differentiation antigen, present on macrophages in the red pulp of the spleen, and the medulla of inguinal and axillary lymph nodes. FO GSL is also present on reticular cells in the T-cell area of the spleen and lymph nodes. A subpopulation of FOM-1 positive macrophages also appear in the peritoneal cavity in response to inflammatory stimuli. Monocytes, granulocytes and other macrophages in lymphoid and non-lymphoid organs are not stained by Rat anti Forssmann glycosphingolipid antibody, clone FOM-1. Rat anti Forssmann glycosphingolipid antibody, clone FOM-1 also recognizes a marker present on sheep erythrocytes.

<table>
<thead>
<tr>
<th>Histology Positive Control Tissue</th>
<th>Mouse spleen</th>
</tr>
</thead>
</table>


| 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 | 12 months from date of despatch |


| Regulatory | For research purposes only |

### Related Products

#### Recommended Secondary Antibodies

- Goat Anti Rat IgM (302001...) **Biotin, RPE**
- Goat Anti Rat IgM (STAR116...) **HRP**

#### Recommended Useful Reagents

- **ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025A)**
- **ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025C)**

© 2020 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)