

Datasheet: 0500-0098

Description:	RAT ANTI MOUSE FORSSMAN GLYCOSPHINGOLIPID
Specificity:	FORSSMAN GLYCOSPHINGOLIPID
Other names:	FO GSL
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	FOM-1
Isotype:	IgM
Quantity:	0.5 ml

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	▪			1/100 - 1/400
Immunohistology - Paraffin	▪			1/100
Western Blotting			▪	

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. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgM - liquid.

Preparation

Purified IgM prepared by dialysis and gel filtration

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	0.2 mg/ml
Immunogen	Forssman glycosphingolipid.
RRID	AB_620446
Specificity	<p>Rat anti Forssmann glycosphingolipid antibody, clone FOM-1 recognizes Forssmann glycosphingolipid (FO GSL).</p> <p>FO GSL is a glycosphingolipid differentiation antigen, present on macrophages in the red pulp of the spleen, and the medulla of inguinal and axial 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.</p> <p>Rat anti Forssmann glycosphingolipid antibody, clone FOM-1 also recognizes a marker present on sheep erythrocytes.</p>
Histology Positive Control Tissue	Mouse spleen
References	1. Izumi, K, and Sawada, M.T. (2001) A novel assay method for glycosphingolipid deacylase by enzyme-linked immunochemical detection of lysoglycosphingolipid. Lipids. 36: 97-101.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 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
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 \(BUF025A\)](#)

[100x ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M388968:210806'

Printed on 22 Sep 2021

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