

## Datasheet: MCA1366GA

**BATCH NUMBER 148344**

<b>Description:</b>	HAMSTER ANTI MOUSE TCR GAMMA/DELTA
<b>Specificity:</b>	TCR GAMMA/DELTA
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	GL3
<b>Isotype:</b>	IgG
<b>Quantity:</b>	0.1 mg

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			1/5 - 1/50
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation	▪			
Western Blotting			▪	

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5mg/ml

<b>Immunogen</b>	C57BL/6J intra epithelial lymphocytes.
<b>RRID</b>	AB_1102884
<b>Fusion Partners</b>	Spleen cells from immunized Armenian hamster were fused with cells of the murine myeloma SP2/0 myeloma cell line.
<b>Specificity</b>	<p><b>Hamster anti Mouse TCR Gamma/Delta antibody, clone GL3</b> reacts with mouse TCR gamma/delta expressing lymphocytes.</p> <p>Hamster anti Mouse TCR Gamma/Delta antibody, clone GL3 has been shown to have depleting activity <i>in vivo</i> (<a href="#">Van der Heyde et al. 1995</a> and <a href="#">Skeenet al. 1993</a>).</p>
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100ul.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Skarstein, K. <i>et al.</i> (1994) Oligoclonality of T cells in salivary glands of autoimmune MRL/lpr mice. <a href="#">Immunology. 81 (4): 497-501.</a></li> <li>2. van der Heyde, H.C. <i>et al.</i> (1995) Gamma delta T cells function in cell-mediated immunity to acute blood-stage Plasmodium chabaudi adami malaria. <a href="#">J Immunol. 154 (8): 3985-90.</a></li> <li>3. Skeen, M.J. &amp; Ziegler, H.K. (1993) Induction of murine peritoneal gamma/delta T cells and their role in resistance to bacterial infection. <a href="#">J Exp Med. 178 (3): 971-84.</a></li> <li>4. Karasova, D. <i>et al.</i> (2010) Influence of 5 major Salmonella pathogenicity islands on NK cell depletion in mice infected with <i>Salmonella enterica</i> serovar Enteritidis. <a href="#">BMC Microbiol. 10: 75.</a></li> <li>5. Laky, K. <i>et al.</i> (2000) Enterocyte expression of interleukin 7 induces development of gammadelta T cells and Peyer's patches. <a href="#">J Exp Med. 191: 1569-80.</a></li> </ol>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>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.</p>
<b>Guarantee</b>	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA1366GA">https://www.bio-rad-antibodies.com/SDS/MCA1366GA</a> 10040
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Hamster IgG (STAR104...) [DyLight®550](#), [DyLight®650](#), [DyLight®800](#),  
[FITC](#)

Goat Anti Hamster IgG (STAR79...) [Biotin](#), [FITC](#), [HRP](#)

## Recommended Negative Controls

[HAMSTER \(ARMENIAN\) IgG NEGATIVE CONTROL \(MCA2356\)](#)

**North & South** Tel: +1 800 265 7376

**Worldwide**

Tel: +44 (0)1865 852 700

**Europe**

Tel: +49 (0) 89 8090 95 21

**America** Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

Email: [antibody\\_sales\\_de@bio-rad.com](mailto: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](https://bio-rad-antibodies.com/datasheets)

'M350494:190307'

Printed on 18 Jan 2024

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)