

Datasheet: MCA1146

BATCH NUMBER 166402

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|----------------------|--------------------------------|
| Description: | MOUSE ANTI RAT TCR GAMMA/DELTA |
| Specificity: | TCR GAMMA/DELTA |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | V65 |
| Isotype: | IgG1 |
| Quantity: | 0.25 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.

| | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry | ▪ | | | 1/10 - 1/100 |
| 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 his/her own system using appropriate negative/positive controls.

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| Target Species | Rat |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Prosep A from tissue culture supernatant |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% sodium azide (NaN ₃) |
| Carrier Free | Yes |

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| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
| Immunogen | CD3 +ve TCR alpha/beta -ve rat T cell hybridoma line. |
| RRID | AB_322446 |
| Fusion Partners | Spleen cells from immunized BALB/c mice were fused with cells of the X63.Ag:8.653 mouse myeloma cell line. |
| Specificity | <p>Mouse anti Rat TCR Gamma/Delta antibody, clone V65 recognizes a constant determinant of the rat gamma/delta T cell receptor.</p> <p>Mouse anti Rat TCR Gamma/Delta antibody, clone V65 stains all rat gamma/delta T cells, and also identifies as gamma/delta T cells a population of dendritic epidermal T lymphocytes.</p> <p>Mouse anti Rat TCR Gamma/Delta antibody, clone V65 may be used to stimulate the proliferation of gamma/delta T cells in the presence of either IL-2 or IL-4.</p> |
| Flow Cytometry | Use 10µl of the suggested working dilution to label 10 ⁶ cells in 100µl. |
| References | <ol style="list-style-type: none"> 1. Kühnlein, P. <i>et al.</i> (1995) Gamma/delta T cells in fetal, neonatal, and adult rat lymphoid organs. Dev Immunol. 4 (3): 181-8. 2. Yrlid, U. <i>et al.</i> (2006) Plasmacytoid dendritic cells do not migrate in intestinal or hepatic lymph. J Immunol. 177: 6115-21. 3. Martin, A. <i>et al.</i> (2018) Tumor-derived granzyme B-expressing neutrophils acquire antitumor potential after lipid A treatment. Oncotarget. 9 (47): 28364-78. |
| 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: https://www.bio-rad-antibodies.com/SDS/MCA1146 10040 |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)

Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA1209\)](#)

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|----------------------------------|---|------------------|---|---------------|---|
| North & South America | Tel: +1 800 265 7376 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 |
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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M408316:221011'

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