

Datasheet: MCA561

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| Description: | MOUSE ANTI GUINEA PIG IgG |
| Specificity: | IgG |
| Format: | S/N |
| Product Type: | Monoclonal Antibody |
| Clone: | MsGp3 |
| Isotype: | IgM |
| Quantity: | 2 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 | ▪ | | | |
| 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. It is recommended that the user titrates the antibody for use in their own system using appropriate negative positive controls.

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| Target Species | Guinea Pig |
| Product Form | Tissue Culture Supernatant containing 0.2M Tris/HCl pH7.2 |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Immunogen | <i>in vivo</i> passaged EN-L2C guinea pig leukaemia B cell line |
| External Database Links | UniProt: P01862 Related reagents |
| RRID | AB_321905 |

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| Fusion Partners | Spleen cells from an immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line. |
| Specificity | Mouse anti Guinea pig IgG antibody, clone MsGp3 recognizes guinea pig immunoglobulin γ heavy chain and reacts with a subset of B lymphocytes in lymph nodes and is restricted to mantle zone B cells of the follicles. Approximately 30% of lymph node lymphocytes are labelled, and 50% of immunoglobulin positive cells. ELISA results suggest that this antibody detects immunoglobulin G with a higher affinity for IgG1. |
| References | 1. Hiromatsu, K. <i>et al.</i> (2002) Characterization of guinea-pig group 1 CD1 proteins. Immunology. 106 (2): 159-72. |
| 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 #10055 available at: 10055: https://www.bio-rad-antibodies.com/uploads/MSDS/10055.pdf |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgM (STAR138...) [Alk. Phos.](#)
Human Anti Mouse IgM (HCA040...) [FITC](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

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|----------------------------------|---|------------------|---|---------------|---|
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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](https://www.bio-rad-antibodies.com/datasheets)
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Printed on 06 Jan 2022