

Datasheet: MCA5680

BATCH NUMBER 171202

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|----------------------|------------------------|
| Description: | MOUSE ANTI CHICKEN IgM |
| Specificity: | IgM |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | M1 (a-chIgM) |
| 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 | | | ▪ | |
| Immunohistology - Frozen | ▪ | | | 1:2500 |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | ▪ | | | 0.02 - 2.5ug/ml |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | ▪ | | | 1.0ug/ml |

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 appropriate negative/positive controls.

| | |
|---------------------------------|---|
| Target Species | Chicken |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | <0.1% Sodium Azide (NaN ₃) |
| Approx. Protein | IgG concentration 1.0mg/ml |

Concentrations

| | |
|--|---|
| Immunogen | Purified chicken IgM heavy chain. |
| RRID | AB_10672678 |
| Specificity | Mouse anti Chicken IgM antibody, clone M1 (a-chIgM) is a monoclonal antibody that recognizes chicken IgM and has been validated in ELISA. IgM is one of the 3 major avian immunoglobulin classes (Lebacqz-Verheyden, et al. 1974), which also include IgA and IgY, and plays a role in adaptive and humoral immunity. |
| Histology Positive Control Tissue | Chicken spleen |
| Western Blotting | MCA5680 detects a large band of approximately 80-85kDa using purified chicken IgM under reducing conditions. |
| 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/MCA5680 |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

| | |
|---|---|
| Goat Anti Mouse IgG IgA IgM (STAR87...) | HRP |
| Goat Anti Mouse IgG (STAR70...) | FITC |
| Goat Anti Mouse IgG (STAR77...) | HRP |
| Goat Anti Mouse IgG (STAR76...) | RPE |
| Rabbit Anti Mouse IgG (STAR12...) | RPE |
| Rabbit Anti Mouse IgG (STAR13...) | HRP |
| Rabbit Anti Mouse IgG (STAR9...) | FITC |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC , HRP |
| Goat Anti Mouse IgG (H/L) (STAR117...) | Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP |

Product inquiries: www.bio-rad-antibodies.com/technical-support

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