

## Datasheet: MCA5682

|                      |                                   |
|----------------------|-----------------------------------|
| <b>Description:</b>  | MOUSE ANTI CHICKEN Ig LIGHT CHAIN |
| <b>Specificity:</b>  | Ig LIGHT CHAIN                    |
| <b>Format:</b>       | Purified                          |
| <b>Product Type:</b> | Monoclonal Antibody               |
| <b>Clone:</b>        | 2G1                               |
| <b>Isotype:</b>      | IgG1                              |
| <b>Quantity:</b>     | 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](http://www.bio-rad-antibodies.com/protocols).

|                            | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry             | ■   |    |                |                    |
| Immunohistology - Frozen   |     |    | ■              |                    |
| Immunohistology - Paraffin |     |    | ■              |                    |
| ELISA                      | ■   |    |                | 0.98 - 250.0ng/ml  |
| Immunoprecipitation        |     |    | ■              |                    |
| Western Blotting           | ■   |    |                | 0.5ug/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.

|                                       |                                                                                                                    |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Target Species</b>                 | Chicken                                                                                                            |
| <b>Product Form</b>                   | Purified IgG - liquid                                                                                              |
| <b>Preparation</b>                    | Purified IgG prepared by affinity chromatography on Protein G                                                      |
| <b>Buffer Solution</b>                | Phosphate buffered saline                                                                                          |
| <b>Preservative Stabilisers</b>       | 0.09% Sodium Azide                                                                                                 |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0mg/ml                                                                                         |
| <b>Immunogen</b>                      | Purified chicken Ig light chain                                                                                    |
| <b>Specificity</b>                    | <b>Mouse anti Chicken Ig light chain antibody, clone 2G1</b> recognizes the light chain of chicken immunoglobulin. |

|                                      |                                                                                                                                                                                                                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Flow Cytometry</b>                | Use 10ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100ul.                                                                                                                                                                                                                     |
| <b>Western Blotting</b>              | MCA5682 detects a band of approximately 26kDa using purified chicken IgY, IgA and IgM under reducing conditions.                                                                                                                                                                                        |
| <b>Storage</b>                       | Store at +4°C or at -20°C if preferred.<br>Storage in frost-free freezers is not recommended.<br>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |
| <b>Shelf Life</b>                    | 18 months from date of despatch.                                                                                                                                                                                                                                                                        |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation available at:<br>Material Safety Datasheet Documentation #10040 available at:<br><a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>                                              |
| <b>Regulatory</b>                    | For research purposes only                                                                                                                                                                                                                                                                              |

## Related Products

### Recommended Secondary Antibodies

|                                         |                                                                                                                                                                                                                                     |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Goat Anti Mouse IgG (STAR76...)         | <a href="#">RPE</a>                                                                                                                                                                                                                 |
| Goat Anti Mouse IgG IgA IgM (STAR87...) | <a href="#">Alk. Phos.</a> , <a href="#">HRP</a>                                                                                                                                                                                    |
| Goat Anti Mouse IgG (H/L) (STAR117...)  | <a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®549</a> ,<br><a href="#">DyLight®649</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> ,<br><a href="#">FITC</a> , <a href="#">HRP</a> |
| Rabbit Anti Mouse IgG (STAR9...)        | <a href="#">FITC</a>                                                                                                                                                                                                                |
| Goat Anti Mouse IgG (STAR77...)         | <a href="#">HRP</a>                                                                                                                                                                                                                 |
| Rabbit Anti Mouse IgG (STAR12...)       | <a href="#">RPE</a>                                                                                                                                                                                                                 |
| Goat Anti Mouse IgG (Fc) (STAR120...)   | <a href="#">FITC</a> , <a href="#">HRP</a>                                                                                                                                                                                          |
| Rabbit Anti Mouse IgG (STAR8...)        | <a href="#">DyLight®800</a>                                                                                                                                                                                                         |
| Goat Anti Mouse IgG (STAR70...)         | <a href="#">FITC</a>                                                                                                                                                                                                                |
| Rabbit Anti Mouse IgG (STAR13...)       | <a href="#">HRP</a>                                                                                                                                                                                                                 |
| Human Anti Mouse IgG1 (HCA036...)       | <a href="#">HRP</a>                                                                                                                                                                                                                 |

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