

Datasheet: MCA5770

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| Description: | MOUSE ANTI CHICKEN MONOCYTES/MACROPHAGES |
| Specificity: | MONOCYTES/MACROPHAGES |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | KUL01 |
| 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 | ▪ | | | |
| Immunohistology - Paraffin (1) | ▪ | | | |
| ELISA | | | ▪ | |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | | | ▪ | |
| Functional Assays | | | ▪ | |

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.

(1) This product requires protein digestion pre-treatment of paraffin sections e.g. trypsin or pronase.

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| Target Species | Chicken |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by ion exchange chromatography from tissue culture supernatant |
| Buffer Solution | Borate buffered saline. |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |

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| Approx. Protein Concentrations | IgG concentration 0.5mg/ml |
| RRID | AB_10841619 |
| Specificity | Mouse anti Chicken Monocytes/Macrophages, clone KUL01 recognises chicken monocytes and macrophages. Clone KUL01 will also detect interdigitating cells and activated microglia but does not recognise Bu1+ve B-cells or CD3 +ve T-lymphocytes. |
| References | <ol style="list-style-type: none"> 1. Mast, J. <i>et al.</i> (1998) Characterisation of chicken monocytes, macrophages and interdigitating cells by the monoclonal antibody KUL01. Vet Immunol Immunopathol. 61 (2-4): 343-57. 2. Wigley, P. <i>et al.</i> (2001) Salmonella enterica serovar Pullorum persists in splenic macrophages and in the reproductive tract during persistent, disease-free carriage in chickens. Infect Immun. 69 (12): 7873-9. 3. Balic, A. <i>et al.</i> (2014) Visualisation of chicken macrophages using transgenic reporter genes: insights into the development of the avian macrophage lineage. Development. 141: 3255-65. 4. Garcia-Morales, C. <i>et al.</i> (2014) Production and characterisation of a monoclonal antibody that recognises the chicken CSF1 receptor and confirms that expression is restricted to macrophage-lineage cells. Dev Comp Immunol. 42 (2): 278-85. 5. Guabiraba, R. <i>et al.</i> (2017) Unveiling the participation of avian kinin ornithokinin and its receptors in the chicken inflammatory response. Vet Immunol Immunopathol. 188: 34-47. |
| Storage | <p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p> |
| Guarantee | 12 months from date of despatch |
| Health And Safety Information | Material Safety Datasheet documentation #10077 available at: 10077: https://www.bio-rad-antibodies.com/uploads/MSDS/10077.pdf |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

- Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
- Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
- Goat Anti Mouse IgG (H/L) (STAR117...) [FITC](#), [HRP](#)

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