

## Datasheet: MCA5773

|                      |                                    |
|----------------------|------------------------------------|
| <b>Description:</b>  | MOUSE ANTI CHICKEN TCR GAMMA/DELTA |
| <b>Specificity:</b>  | TCR GAMMA/DELTA                    |
| <b>Format:</b>       | Purified                           |
| <b>Product Type:</b> | Monoclonal Antibody                |
| <b>Clone:</b>        | TCR-1                              |
| <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                      |     |    | ▪              |                    |
| 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.

|                                       |  |
|---------------------------------------|--|
| <b>Target Species</b>                 | Chicken  |
| <b>Product Form</b>                   | Purified IgG - liquid  |
| <b>Preparation</b>                    | Purified IgG prepared by ion exchange chromatography from tissue culture supernatant |
| <b>Buffer Solution</b>                | Borate buffered saline.  |
| <b>Preservative Stabilisers</b>       | <0.1% Sodium Azide (NaN <sub>3</sub> )   |
| <b>Approx. Protein Concentrations</b> | IgG concentration 0.5mg/ml   |

RRID AB\_10846930

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**Specificity** **Mouse anti Chicken TCR $\gamma$ / $\delta$  antibody, clone TCR-1** recognises chicken TCR  $\gamma$ / $\delta$  expressed on peripheral blood T cells. In the chicken TCR  $\gamma$ / $\delta$  is more widely expressed than in mammals, approximately 20 – 25% of total blood T cells being  $\gamma$ / $\delta$  +ve , in young birds (age around 6 months) this figure can rise to nearly 50%.

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**Flow Cytometry** Use 10ul of the suggested working dilution to label  $1 \times 10^6$  cells in 100ul.

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**References**

1. Sowder, J.T. *et al.* (1988) A large subpopulation of avian T cells express a homologue of the mammalian T gamma/delta receptor. [J Exp Med. 167: 315-22.](#)
2. Röhe I. *et al.* (2017) Effect of feeding soybean meal and differently processed peas on the gut mucosal immune system of broilers [Poultry Science. Feb 23 \[Epub ahead of print\]](#)

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**Storage** Store at +4°C. DO NOT FREEZE.  
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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10077 available at: 10077: <https://www.bio-rad-antibodies.com/uploads/MSDS/10077.pdf>

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**Regulatory** For research purposes only

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## 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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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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