

Datasheet: MCA5772

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|----------------------|---|
| Description: | MOUSE ANTI CHICKEN TCR ALPHA/BETA (Vb2) |
| Specificity: | TCR ALPHA/BETA Vb2 |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | TCR-3 |
| 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 | | | ▪ | |
| 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.

| | |
|---------------------------------------|--|
| 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 | <0.1% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | IgG concentration 0.5mg/ml |

RRID AB_10845153

Specificity **Mouse anti Chicken TCR α / β antibody, clone TCR-3** recognizes chicken TCR α / β expressed on peripheral blood T cells. Two distinct subpopulations of α / β T cells appear in the chicken thymus subsequent to the appearance of γ / δ T cells. These subpopulations, originally denoted as TCR2 and TCR3 arise sequentially in the thymus during ontogeny and are now known to represent two distinct V β families, V β 1 and V β 2, respectively.

Mouse anti Chicken TCR α / β antibody, clone TCR-3 is specific for the V β 2.

Flow Cytometry Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.

References 1. 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 \[Epub ahead of print\]](#)

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.

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](#)

Goat Anti Mouse IgG (H/L) (STAR117...) [FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

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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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