

Datasheet: MCA5773

Description:	MOUSE ANTI CHICKEN TCR GAMMA/DELTA
Specificity:	TCR GAMMA/DELTA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	TCR-1
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

Specificity	Mouse anti Chicken TCRγ/δ antibody, clone TCR-1 recognises chicken TCR γ / δ expressed on peripheral blood T cells. In the chicken TCR γ / δ is more widely expressed than in mammals, approximately 20 – 25% of total blood T cells being γ / δ +ve , in young birds (age around 6 months) this figure can rise to nearly 50%.
Flow Cytometry	Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.
References	<p>1. Sowder, J.T. <i>et al.</i> (1988) A large subpopulation of avian T cells express a homologue of the mammalian T gamma/delta receptor. J Exp Med. 167: 315-22.</p> <p>2. Röhe I. <i>et al.</i> (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]</p>
Storage	<p>Store at +4°C. DO NOT FREEZE.</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	<p>Material Safety Datasheet documentation #10077 available at: https://www.bio-rad-antibodies.com/SDS/MCA5773</p> <p>10077</p>
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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