

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

RRID AB_10846930

Specificity **Mouse anti Chicken TCR γ / 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

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 \[Epub ahead of print\]](#)

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: <https://www.bio-rad-antibodies.com/SDS/MCA5773>
10077

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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