

Datasheet: MCA987T

BATCH NUMBER 153550

Description:	MOUSE ANTI HUMAN TCR ALPHA CHAIN
Specificity:	TCR ALPHA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	3A8
Isotype:	IgG2a
Quantity:	50 µg

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			▪	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Species Cross Reactivity	Does not react with: Mouse, Rat
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared from ascites by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide 0.5% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 0.1 mg/ml
External Database Links	<p>UniProt: P01848 Related reagents</p> <p>Entrez Gene: 28755 TRAC Related reagents</p>
Synonyms	TCRA
RRID	AB_322682
Specificity	Mouse anti Human TCR alpha Chain antibody, clone 3A8 reacts with the alpha chain constant region found on all alpha/beta TCR bearing T-lymphocytes. It reacts with 92-98% of all CD3 + peripheral blood lymphocytes.
Further Reading	<ol style="list-style-type: none"> 1. Minami, Y. <i>et al.</i> (1987) Building a multichain receptor: synthesis, degradation, and assembly of the T-cell antigen receptor. Proc Natl Acad Sci U S A. 84 (9): 2688-92. 2. Koning, F. <i>et al.</i> (1988) The biosynthesis and assembly of T cell receptor alpha- and beta-chains with the CD3 complex. J Immunol. 140 (9): 3126-34. 3. van Dongen, J.J. <i>et al.</i> (1987) T cell receptor-CD3 complex during early T cell differentiation. Analysis of immature T cell acute lymphoblastic leukemias (T-ALL) at DNA, RNA, and cell membrane level. J Immunol. 138 (4): 1260-9.
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. 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 #10041 available at: https://www.bio-rad-antibodies.com/SDS/MCA987T 10041</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 ,

	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	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
'M369237:200529'

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