

Datasheet: MCA2815F

Description:	MOUSE ANTI HUMAN TCR ALPHA/BETA:FITC
Specificity:	TCR ALPHA/BETA
Format:	FITC
Product Type:	Monoclonal Antibody
Clone:	IP26
Isotype:	IgG1
Quantity:	100 TESTS/0.5ml

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	▪			Neat

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	Human						
Species Cross Reactivity	Does not react with:Rat, Mouse						
Product Form	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid						
Max Ex/Em	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation (nm)</th> <th>Emission (nm)</th> </tr> </thead> <tbody> <tr> <td>FITC</td> <td>490</td> <td>520</td> </tr> </tbody> </table>	Fluorophore	Excitation (nm)	Emission (nm)	FITC	490	520
Fluorophore	Excitation (nm)	Emission (nm)					
FITC	490	520					
Preparation	Purified IgG prepared by affinity chromatography						
Buffer Solution	Phosphate buffered saline.						
Preservative	0.09% Sodium Azide						
Stabilisers	0.2% Bovine Serum Albumin						

External Database Links

UniProt:
[P01850](#) [Related reagents](#)
[P01848](#) [Related reagents](#)

Entrez Gene:

[28639](#) TRBC1 [Related reagents](#)

[28755](#) TRAC [Related reagents](#)

Synonyms	TCRA
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Specificity	Mouse anti Human TCR alpha/ beta antibody, clone IP26
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Flow Cytometry	Use 5ul of the suggested working dilution to label 5 x 10 ⁵ cells in 100ul.
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References	<ol style="list-style-type: none">1. Sullivan, B.M. & Coscoy, L. (2008) Downregulation of the T-cell receptor complex and impairment of T-cell activation by human herpesvirus 6 u24 protein. J Virol. 82 (2): 602-8.2. Nataj Arab, H.H. <i>et al.</i> (2015) Phenotypical characterization of the peripheral blood T cells in patients with celiac disease: does it differentiate suspicious celiac disease cases? Gastroenterol Hepatol Bed Bench. 8 (2): 132-9.3. Liao, Z. <i>et al.</i> (2017) A Local Inflammatory Renin-Angiotensin System Drives Sensory Axon Sprouting in Provoked Vestibulodynia. J Pain. Jan 3. pii: S1526-5900(16)30367-4. [Epub ahead of print]
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Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.
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Shelf Life	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet Documentation #10041 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:FITC \(MCA928F\)](#)

Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

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'M302131:170109'

Printed on 28 May 2017