

Datasheet: MCA2815F

BATCH NUMBER 147297

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	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
Preparation	Purified IgG prepared by affinity chromatography		
Buffer Solution	Phosphate buffered saline.		
Preservative Stabilisers	0.09% Sodium Azide		
	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
RRID	AB_1102879
Specificity	Mouse anti Human TCR alpha/ beta antibody, clone IP26 recognizes a constant region determinant found on the surface of all alpha/beta TCR bearing T lymphocytes. Approximately 92% of all CD3 + peripheral blood lymphocytes are reactive.
Flow Cytometry	Use 5ul of the suggested working dilution to label 5 x 10 ⁵ cells in 100ul.
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]
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.
Guarantee	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/MCA2815F10041
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

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

Recommended Useful Reagents

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

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

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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

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