

## Datasheet: MCA2815F

<b>Description:</b>	MOUSE ANTI HUMAN TCR ALPHA/BETA:FITC
<b>Specificity:</b>	TCR ALPHA/BETA
<b>Format:</b>	FITC
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	IP26
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human		
<b>Species Cross Reactivity</b>	Does not react with:Rat, Mouse		
<b>Product Form</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	FITC	490	525
<b>Preparation</b>	Purified IgG prepared by affinity chromatography		
<b>Buffer Solution</b>	Phosphate buffered saline.		
<b>Preservative</b>	0.09% Sodium Azide		
<b>Stabilisers</b>	0.2% Bovine Serum Albumin		
<b>External Database Links</b>	<b>UniProt:</b>		

[P01850](#)    [Related reagents](#)

[P01848](#)    [Related reagents](#)

**Entrez Gene:**

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

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

---

<b>Synonyms</b>	TCRA
-----------------	------

---

<b>RRID</b>	AB_1102879
-------------	------------

---

<b>Specificity</b>	<b>Mouse anti Human TCR alpha/ beta antibody, clone IP26</b> 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.
--------------------	---

---

<b>Flow Cytometry</b>	Use 5ul of the suggested working dilution to label 5 x 10 <sup>5</sup> cells in 100ul.
-----------------------	--

---

<b>References</b>	<ol style="list-style-type: none"><li>1. 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? <a href="#">Gastroenterol Hepatol Bed Bench. 8 (2): 132-9.</a></li><li>2. Liao, Z. <i>et al.</i> (2017) A Local Inflammatory Renin-Angiotensin System Drives Sensory Axon Sprouting in Provoked Vestibulodynia. <a href="#">J Pain. 18 (5): 511-25.</a></li></ol>
-------------------	--

---

<b>Storage</b>	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.
----------------	--

---

<b>Guarantee</b>	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.
------------------	--

---

<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA2815F">https://www.bio-rad-antibodies.com/SDS/MCA2815F</a> 10041
--------------------------------------	---

---

<b>Regulatory</b>	For research purposes only
-------------------	----------------------------

---

## Related Products

### Recommended Negative Controls

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

### Recommended Useful Reagents

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

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

**North & South** Tel: +1 800 265 7376

**Worldwide** Tel: +44 (0)1865 852 700

**Europe** Tel: +49 (0) 89 8090 95 21

**America** Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

To  
find a

batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

'M390169:210825'

**Printed on 18 Jan 2024**

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)