

## Datasheet: MCA2791F

<b>Description:</b>	MOUSE ANTI HUMAN INTERLEUKIN-13:FITC
<b>Specificity:</b>	IL-13
<b>Format:</b>	FITC
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	B-P6
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	100 TESTS

## 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 (1)	▪			

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.

**(1) Membrane permeabilization is required for this application. The use of Leucoperm (Product Code [BUF09](#)) is recommended for this purpose.**

Target Species	Human		
Product Form	Purified IgG - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
Preparation	Purified IgG prepared by ion exchange chromatography from ascites		
Buffer Solution	TRIS buffered saline		
Preservative	0.02% Sodium Azide (NaN <sub>3</sub> )		
Stabilisers	1% Bovine Serum Albumin		
Immunogen	Recombinant human IL-13.		

**External Database  
Links**

**UniProt:**

[P35225](#)

[Related reagents](#)

**Entrez Gene:**

[3596](#)

IL13

[Related reagents](#)

<b>Synonyms</b>	NC30
<b>RRID</b>	AB_2124187
<b>Specificity</b>	<p><b>Mouse anti Human CD13 antibody, clone B-P6</b> recognizes human interleukin-13 (IL-13), a 12.5 kDa immunoregulatory cytokine produced primarily by activated T helper type 2 (Th2) cells, and also by mast cells and NK cells.</p> <p>IL-13 induces the stimulation of B cell proliferation, antibody production and plays an important role in the induction of the pathophysiological features of allergic asthma, independently of Immunoglobulin E (IgE) and eosinophils (<a href="#">Wills-Karp et al. 1998</a>).</p>
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul.
<b>Further Reading</b>	1. Wills-Karp, M. <i>et al.</i> (1998) Interleukin-13: central mediator of allergic asthma. <a href="#">Science. 282 (5397): 2258-61.</a>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10058 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA2791F10058">https://www.bio-rad-antibodies.com/SDS/MCA2791F10058</a>
<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 \(BUF070B\)](#)

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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)

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