

## Datasheet: MCA2809F

**BATCH NUMBER 159747**

<b>Description:</b>	MOUSE ANTI HUMAN CD5:FITC
<b>Specificity:</b>	CD5
<b>Format:</b>	FITC
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	UCHT2
<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.

#### Target Species

Human

#### Species Cross Reactivity

Reacts with: Chimpanzee, Cynomolgus monkey, Rhesus Monkey, Marmoset  
**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

#### 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** 0.09% Sodium Azide (NaN<sub>3</sub>)  
**Stabilisers** 0.2% Bovine Serum Albumin

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**External Database Links**

**UniProt:**  
[P06127](#)   [Related reagents](#)

**Entrez Gene:**  
[921](#) CD5   [Related reagents](#)

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**Synonyms** LEU1

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**Specificity** **Mouse anti Human CD5 antibody, clone UCHT2** recognizes the human CD5 cell surface antigen. CD5 is expressed by T cells and by a small subset of B cells. CD5 is also expressed by certain types of B cell malignancy, including B cell chronic lymphocytic leukaemia (B-CLL).

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**Flow Cytometry** Use 5ul of the suggested working dilution to label 10<sup>6</sup> cells or 100ul whole blood

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**References** 1. Renaudineau, Y. *et al.* (2005) An alternative exon 1 of the CD5 gene regulates CD5 expression in human B lymphocytes. [Blood 106 \(8\): 2781-9.](#)

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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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**Guarantee** Guaranteed until date of expiry. Please see product label.

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**Health And Safety Information** Material Safety Datasheet documentation #10041 available at:  
<https://www.bio-rad-antibodies.com/SDS/MCA2809F>  
10041

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**Regulatory** For research purposes only

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## Related Products

### Recommended Negative Controls

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

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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](https://www.bio-rad-antibodies.com/datasheets)

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