

## Datasheet: MCA6181B

**BATCH NUMBER 64622437**

<b>Description:</b>	MOUSE ANTI HUMAN CCL17:Biotin
<b>Specificity:</b>	CCL17
<b>Other names:</b>	TARC
<b>Format:</b>	Biotin
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	I11-2A1
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.1 mg

## 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
Immunoassay	▪			1.0 ug/ml

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>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1 mg/ml
<b>Immunogen</b>	<i>E. coli</i> derived recombinant human full length CCL17 (Ala24-Ser94)

**External Database****Links****UniProt:**[Q92583](#)[Related reagents](#)**Entrez Gene:**[6361](#)

CCL17

[Related reagents](#)**Synonyms**

SCYA17, TARC

**Fusion Partners**

Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0

**Specificity**

**Mouse anti Human CCL17 antibody, clone I11-2A1** recognizes C-C motif chemokine 17, also known as TARC and SCYA17. CCL17 is a C-C chemokine highly expressed by the thymus and other cell types, including fibroblasts ([Li et al. 2019](#)). CCL17 induces and enhances a broad spectrum of immune reactions, including some contact hypersensitivity reactions, allograft rejections, inflammatory bowel disease, atopic dermatitis and atherosclerosis ([Scheu et al. 2017](#)). Therapeutic use of antibodies to neutralize CCL17 can block influx of T cells and ameliorate the impact of various diseases ([Teplyakov et al. 2017](#)). Upregulation of CCL17 has been reported in breast cancer, and predicts a decrease in overall survival for patients with breast cancer ([Li et al. 2019](#)).

The biotinylated Mouse anti Human CCL17 antibody, clone I11-2A1 (MCA6181B) can be used as a detection antibody in a sandwich ELISA with the purified Mouse anti Human CCL17 antibody, clone I02-2A4 ([MCA6180GA](#)) as the capture antibody.

**Storage**

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

**Guarantee**

12 months from date of despatch

**Health And Safety Information**

Material Safety Datasheet documentation #10041 available at:

<https://www.bio-rad-antibodies.com/SDS/MCA6181B>

10041

**Regulatory**

For research purposes only

## Related Products

### Recommended Useful Reagents

[MOUSE ANTI HUMAN CCL17 \(MCA6180GA\)](#)[RECOMBINANT HUMAN CCL17 \(PHP295\)](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

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

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

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)  
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