

Datasheet: MCA6181B

BATCH NUMBER 100005229

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|----------------------|-------------------------------|
| Description: | MOUSE ANTI HUMAN CCL17:Biotin |
| Specificity: | CCL17 |
| Other names: | TARC |
| Format: | Biotin |
| Product Type: | Monoclonal Antibody |
| Clone: | I11-2A1 |
| Isotype: | IgG1 |
| Quantity: | 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.

| | 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.

| | |
|---------------------------------------|---|
| Target Species | Human |
| Product Form | Purified IgG conjugated to Biotin - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin |
| Approx. Protein Concentrations | IgG concentration 0.1 mg/ml |
| Immunogen | <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

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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 \(MCA6180GA\)](#)**North & South America**

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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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