

Datasheet: MCA6181B

BATCH NUMBER 10005229

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	0.09% Sodium Azide (NaN ₃)
Stabilisers	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 \(MCA6180GA\)](#)[RECOMBINANT HUMAN CCL17 \(PHP295\)](#)**North & South**

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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

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