

Datasheet: MCA6180GA

Description:	MOUSE ANTI HUMAN CCL17
Specificity:	CCL17
Other names:	TARC
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	I02-2A4
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 - 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)
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

Immunogen	<i>E. coli</i> derived recombinant human full length CCL17 (Ala24-Ser94)
External Database Links	<p>UniProt: Q92583 Related reagents</p> <p>Entrez Gene: 6361 CCL17 Related reagents</p>
Synonyms	SCYA17, TARC
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>Mouse anti Human CCL17 antibody, clone I02-2A4 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).</p> <p>The purified Mouse anti Human CCL17 antibody, clone I02-2A4 (MCA6180GA) can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human CCL17 antibody, clone I11-2A1 (MCA6181B) as the detection antibody.</p>
Storage	<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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA6180GA 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight@800

Goat Anti Mouse IgG (STAR76...) [RPE](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®680](#),
[DyLight®800](#), [FITC](#), [HRP](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

Recommended Useful Reagents

[MOUSE ANTI HUMAN CCL17:Biotin \(MCA6181B\)](#)

[RECOMBINANT HUMAN CCL17 \(PHP295\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: 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	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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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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