

Datasheet: MCA6183B

Description:	MOUSE ANTI HUMAN CCL24:Biotin
Specificity:	CCL24
Other names:	Eotaxin-2
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	B01-5E2
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
ELISA	▪			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 CCL24 (Val27-Ala104)

**External Database
Links**

UniProt:

[O00175](#) [Related reagents](#)

Entrez Gene:

[6369](#) CCL24 [Related reagents](#)

Synonyms

MPIF2, SCYA24

Fusion Partners

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

Specificity

Mouse anti Human CCL24 antibody, clone B01-5E2, recognizes C-C motif chemokine 24, also known as Eotaxin-2, CK-beta-6, and MPIF-2. CCL24 is a chemokine which is induced in macrophages and promotes recruitment and activation of immune cells including eosinophils, basophils, and Th2 cells by interacting with the CCR3 receptor. Therefore, CCL24 expression increases during inflammatory disease and allergic reaction, and CCL24 has been shown to perpetuate allergic reaction ([Cho et al. 2016](#)). CCL24 is involved with proinflammatory and profibrotic reactions, particularly fibrosis of the skin and lungs ([Mor et al. 2019](#)). Furthermore, CCL24 plays a role in intrahepatic fibrosis and liver damage ([Segal-Salto et al. 2020](#)). Elevated CCL24 has been associated with primary colorectal and liver metastatic tumors ([Cheng et al. 2017](#)).

The biotinylated Mouse anti Human CCL24 antibody, clone B01-5E2 (MCA6183B) can be used as a detection antibody in a sandwich ELISA with the purified Mouse anti Human CCL24 antibody, clone C05-2B5 ([MCA6182GA](#)) 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/MCA6183B>
10041

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

[MOUSE ANTI HUMAN CCL24 \(MCA6182GA\)](#)

[RECOMBINANT HUMAN CCL24 \(PHP296\)](#)

ELISA Matched Pair - Capture Antibody

[MOUSE ANTI HUMAN CCL24 \(MCA6182GA\)](#)

ELISA Antigen - Positive Control

[RECOMBINANT HUMAN CCL24 \(PHP296\)](#)

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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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