

Datasheet: MCA6183B

**BATCH NUMBER 100005231**

<b>Description:</b>	MOUSE ANTI HUMAN CCL24:Biotin
<b>Specificity:</b>	CCL24
<b>Other names:</b>	Eotaxin-2
<b>Format:</b>	Biotin
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	B01-5E2
<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
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.

<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 CCL24 (Val27-Ala104)

<b>External Database Links</b>	<b>UniProt:</b> <a href="#">O00175</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">6369</a> CCL24 <a href="#">Related reagents</a>
<b>Synonyms</b>	MPIF2, SCYA24
<b>Fusion Partners</b>	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
<b>Specificity</b>	<p><b>Mouse anti Human CCL24 antibody, clone B01-5E2</b>, 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 (<a href="#">Cho et al. 2016</a>). CCL24 is involved with proinflammatory and profibrotic reactions, particularly fibrosis of the skin and lungs (<a href="#">Mor et al. 2019</a>). Furthermore, CCL24 plays a role in intrahepatic fibrosis and liver damage (<a href="#">Segal-Salto et al. 2020</a>). Elevated CCL24 has been associated with primary colorectal and liver metastatic tumors (<a href="#">Cheng et al. 2017</a>).</p> <p>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 (<a href="#">MCA6182GA</a>) as the capture antibody.</p>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA6183B">https://www.bio-rad-antibodies.com/SDS/MCA6183B</a></p> <p>10041</p>
<b>Regulatory</b>	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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'M380403:210511'

**Printed on 18 Jan 2024**

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