

## Datasheet: MCA6182GA

<b>Description:</b>	MOUSE ANTI HUMAN CCL24
<b>Specificity:</b>	CCL24
<b>Other names:</b>	Eotaxin-2
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	C05-2B5
<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 - 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 Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml

<b>Immunogen</b>	<i>E. coli</i> derived recombinant human full length CCL24 (Val27-Ala104)
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">O00175</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">6369</a>    CCL24    <a href="#">Related reagents</a></p>
<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 C05-2B5</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 purified Mouse anti Human CCL24 antibody, clone C05-2B5 (MCA6182GA) can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human CCL24 antibody, clone B01-5E2 (<a href="#">MCA6183B</a>) as the detection antibody.</p>
<b>Storage</b>	<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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Rabbit Anti Mouse IgG (STAR8...)	<a href="#">DyLight@800</a>

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 CCL24:Biotin \(MCA6183B\)](#)

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

### **ELISA Matched Pair - Detection Antibody**

[MOUSE ANTI HUMAN CCL24:Biotin \(MCA6183B\)](#)

### **ELISA Antigen - Positive Control**

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

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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://bio-rad-antibodies.com/datasheets)  
'M384578:210513'

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