

Datasheet: MCA6182GA

BATCH NUMBER 64719706

Description:	MOUSE ANTI HUMAN CCL24
Specificity:	CCL24
Other names:	Eotaxin-2
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	C05-2B5
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 - 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 CCL24 (Val27-Ala104)
External Database Links	<p>UniProt: O00175 Related reagents</p> <p>Entrez Gene: 6369 CCL24 Related reagents</p>
Synonyms	MPIF2, SCYA24
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>Mouse anti Human CCL24 antibody, clone C05-2B5 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).</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 (MCA6183B) 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/MCA6182GA
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 CCL24:Biotin \(MCA6183B\)](#)

ELISA Matched Pair - Detection Antibody

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

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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