

Datasheet: MCA6266GA

BATCH NUMBER 100005395

Description:	MOUSE ANTI HUMAN CCL8
Specificity:	CCL8
Other names:	MCP-2
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	E07-8G5
Isotype:	IgG2a
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 CCL8 (Gln24-Pro99)
External Database Links	<p>UniProt: P80075 Related reagents</p> <p>Entrez Gene: 6355 CCL8 Related reagents</p>
Synonyms	MCP2, SCYA10, SCYA8
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>Mouse anti Human CCL8 antibody, clone E07-8G5, recognizes C-C motif chemokine-8 (CCL8) also known as HC14, monocyte chemoattractant protein 2, monocytes chemotactic protein 2 and small-inducible cytokine A8. CCL8 is a member of the C-C chemokine subfamily and is an agonist for C-C chemokine receptor type 2 and CCR5 (Ge et al. 2017). Through these receptors, CCL8 is involved in the immune response by attracting monocytes, T-lymphocytes, natural killer cells, basophils, mast cells and eosinophils (Farmaki et al. 2020). Proteolytic cleavage of CCL8 to CCL8 (6-76) converts the chemokine into a potent inhibitor of C-C chemokine-induced chemotaxis (Proost et al. 1998).</p> <p>The purified Mouse anti Human CCL8 antibody, clone E07-8G5 (MCA6266GA) can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human CCL8 antibody, clone E09-8A1 (MCA6267B) as the detection antibody.</p>
Storage	<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>
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/MCA6266GA 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP

Goat Anti Mouse IgG (STAR70...) [FITC](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@550](#),
[DyLight@650](#), [DyLight@680](#), [DyLight@800](#),
[FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Recommended Useful Reagents

[MOUSE ANTI HUMAN CCL8:Biotin \(MCA6267B\)](#)
[RECOMBINANT HUMAN CCL8 \(PHP297\)](#)

ELISA Matched Pair - Detection Antibody

[MOUSE ANTI HUMAN CCL8:Biotin \(MCA6267B\)](#)

ELISA Antigen - Positive Control

[RECOMBINANT HUMAN CCL8 \(PHP297\)](#)

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
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M386396:210521'

Printed on 19 Jan 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)