

## Datasheet: MCA6266GA

<b>Description:</b>	MOUSE ANTI HUMAN CCL8
<b>Specificity:</b>	CCL8
<b>Other names:</b>	MCP-2
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	E07-8G5
<b>Isotype:</b>	IgG2a
<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 CCL8 (Gln24-Pro99)
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P80075</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">6355</a>    CCL8    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	MCP2, SCYA10, SCYA8
<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 CCL8 antibody, clone E07-8G5</b>, 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 (<a href="#">Ge et al. 2017</a>). Through these receptors, CCL8 is involved in the immune response by attracting monocytes, T-lymphocytes, natural killer cells, basophils, mast cells and eosinophils (<a href="#">Farmaki et al. 2020</a>). Proteolytic cleavage of CCL8 to CCL8 (6-76) converts the chemokine into a potent inhibitor of C-C chemokine-induced chemotaxis (<a href="#">Proost et al. 1998</a>).</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 (<a href="#">MCA6267B</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: <a href="https://www.bio-rad-antibodies.com/SDS/MCA6266GA">https://www.bio-rad-antibodies.com/SDS/MCA6266GA</a> 10040
<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](#)  
Human Anti Mouse IgG2a (HCA037...) [HRP](#)  
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 (STAR70...) [FITC](#)  
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)  
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),  
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),  
[FITC](#), [HRP](#)

## Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

## 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 \(PHP297\)](#)

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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)

'M390656:210924'

Printed on 19 Jan 2024

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