

Datasheet: MCA6267B

Description:	MOUSE ANTI HUMAN CCL8:Biotin
Specificity:	CCL8
Other names:	MCP-2
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	E09-8A1
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 conjugated to Biotin - 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) 1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml
Immunogen	<i>E. coli</i> derived recombinant human full length CCL8 (Gln24-Pro99)

**External Database
Links**

UniProt:

[P80075](#) [Related reagents](#)

Entrez Gene:

[6355](#) CCL8 [Related reagents](#)

Synonyms

MCP2, SCYA10, SCYA8

Fusion Partners

Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0

Specificity

Mouse anti Human CCL8 antibody, clone E09-8A1, 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](#)).

The biotinylated Mouse anti Human CCL8 antibody, clone E09-8A1 (MCA6267B) can be used as a detection antibody in a sandwich ELISA with the purified Mouse anti Human CCL8 antibody, clone E07-8G5 ([MCA6266GA](#)) as the capture antibody.

Storage

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10041 available at:
10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

[MOUSE ANTI HUMAN CCL8 \(MCA6266GA\)](#)

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

ELISA Matched Pair - Capture Antibody

[MOUSE ANTI HUMAN CCL8 \(MCA6266GA\)](#)

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

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