

Datasheet: MCA6267B

BATCH NUMBER 100005464

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

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10041 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6267B>
10041

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

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

ELISA Antigen - Positive Control

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

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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