

Datasheet: MCA6179B

BATCH NUMBER 100005238

Description:	MOUSE ANTI HUMAN CCL14:Biotin
Specificity:	CCL14
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	B02-1G7
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 conjugated to Biotin - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml
Immunogen	<i>E. coli</i> derived recombinant human CCL14 (Thr20-Asn93)

**External Database
Links**

UniProt:

[Q16627](#) [Related reagents](#)

Entrez Gene:

[6358](#) CCL14 [Related reagents](#)

Synonyms

NCC2, SCYA14

Fusion Partners

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

Specificity

Mouse anti Human CCL14 antibody, clone B02-1G7, recognizes C-C motif chemokine 14, also known as HCC1 and NCC-2. CCL14 is a CC-type chemokine which is constitutively expressed in many tissues ([Gu et al. 2020](#)), and present at very high concentrations in normal human plasma ([Savino et al. 2009](#)). This chemokine is involved with activation of immune cells, promoting chemotaxis of monocytes, eosinophils, and T lymphoblasts. CCL14 is involved with pathogenesis of allergic airway inflammation and some cancers. It has been identified as a prognostic biomarker in hepatocellular carcinoma, where it modulates the cell cycle and promotes apoptosis ([Zhu et al. 2019](#)).

The biotinylated Mouse anti Human CCL14 antibody, clone B02-1G7 (MCA6179B) can be used as a detection antibody in a sandwich ELISA with the purified Mouse anti Human CCL14 antibody, clone B12-1D8 ([MCA6178GA](#)) 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/MCA6179B>
10041

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

[MOUSE ANTI HUMAN CCL14 \(MCA6178GA\)](#)

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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://www.bio-rad-antibodies.com/datasheets)

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