

Datasheet: MCA6179B

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 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 CCL14 (Thr20-Asn93)
External Database Links	UniProt:

Entrez Gene:

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

Synonyms	NCC2, SCYA14
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Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
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Specificity	<p>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).</p> <p>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.</p>
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Storage	<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>
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
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Regulatory	For research purposes only
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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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