

Datasheet: MCA6178GA

BATCH NUMBER 100005288

Description:	MOUSE ANTI HUMAN CCL14
Specificity:	CCL14
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	B12-1D8
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 - 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)
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 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	<p>Mouse anti Human CCL14 antibody, clone B12-1D8, 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 modules the cell cycle and promotes apoptosis (Zhu et al. 2019).</p> <p>This purified Mouse anti Human CCL14 antibody, clone B12-1D8 (MCA6178GA) can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human CCL14 antibody, clone B02-1G7 (MCA6179B) as the detection antibody.</p>
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA6178GA 10040</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Goat Anti Mouse IgG (STAR77...) [HRP](#)

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Recommended Useful Reagents

[MOUSE ANTI HUMAN CCL14:Biotin \(MCA6179B\)](#)

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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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