

Datasheet: MCA6176GA

Description:	MOUSE ANTI HUMAN CCL13
Specificity:	CCL13
Other names:	MCP-4
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	B06-1G9
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 full length CCL13 (Phe17-Thr98)
External Database Links	<p>UniProt: Q99616 Related reagents</p> <p>Entrez Gene: 6357 CCL13 Related reagents</p>
Synonyms	MCP4, NCC1, SCYA13
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>Mouse anti Human CCL13 antibody, clone B06-1G9, recognizes CCL13, a member of the CC family of cytokines. CCL13, also known as MCP-4, is a 98 amino acid (aa) precursor protein which contains a 23 aa hydrophobic signal peptide that is cleaved to the mature form of the protein which is 75aa protein (8kDa). CCL13 is a chemoattractant for various cells including monocytes, T cells, immature dendritic cells and eosinophils (Entiquez & Garcia-Zepeda 2013). It has also been associated with various inflammatory diseases including asthma, arthritis, atherosclerosis and multiple sclerosis (Procaccini et al. 2015). CCL13 can bind to several chemokine receptors (CCR1, CCR2 and CCR3) to elicit chemoattractant responses. It is also known to induce degranulation of eosinophils and the secretion of pro-inflammatory cytokines.</p> <p>This purified Mouse anti Human CCL13 antibody, clone B06-1G9 (MCA6176GA) can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human CCL13 antibody, clone B16-3D8 (MCA6177B) as the detection antibody.</p>
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>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA6176GA 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE

Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight@488 , DyLight@680 , DyLight@800 , FITC , HRP
Goat Anti Mouse IgG (STAR70...)	FITC

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

Recommended Useful Reagents

[MOUSE ANTI HUMAN CCL13:Biotin \(MCA6177B\)](#)

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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
'M384204:210513'

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