

Datasheet: MCA6252GA

Description:	MOUSE ANTI HUMAN CXCL9
Specificity:	CXCL9
Other names:	MIG
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	C04-3E4
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 CXCL9 (Thr23-Thr125)
External Database Links	<p>UniProt: Q07325 Related reagents</p> <p>Entrez Gene: 4283 CXCL9 Related reagents</p>
Synonyms	CMK, MIG, SCYB9
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>Mouse anti Human CXCL9 antibody, clone C04-3E4, recognizes, C-X-C motif chemokine 9 (CXCL9), also known as Monokine induced by Interferon-Gamma (MIG) and small inducible cytokine B9.</p> <p>Synthesis of CXCL9 is induced by IFN-gamma and it mediates lymphocytic infiltration to focal sites and inhibits tumor growth (Tokunaga et al. 2018). CXCL9 is not detectable under physiological conditions in non-lymphoid tissues. However in response to inflammation or injury, IFN-gamma induces CXCL9 production in blood and tissue cells. CXCL9 is a ligand of CXCR3, a classic 7 transmembrane G protein coupled receptor. Upon binding to this receptor the signaling pathways Src, PI3k and MAPK can be activated (Koper et al. 2018).</p> <p>The purified Mouse anti Human CXCL9 antibody, clone C04-3E4 (MCA6252GA) can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human CXCL9 antibody, clone C09-9H7 (MCA6253B) 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/MCA6252GA 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
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 (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP

Recommended Negative Controls

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

Recommended Useful Reagents

[MOUSE ANTI HUMAN CXCL9:Biotin \(MCA6253B\)](#)

ELISA Matched Pair - Detection Antibody

[MOUSE ANTI HUMAN CXCL9:Biotin \(MCA6253B\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M390653:210924'

Printed on 18 Jan 2024