

Datasheet: MCA6189B

BATCH NUMBER 100005233

Description:	MOUSE ANTI HUMAN CXCL10:Biotin
Specificity:	CXCL10
Other names:	IP-10
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	D03-4F4
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 full length CXCL10 (Val22-Pro98)

External Database Links	UniProt: P02778 Related reagents
	Entrez Gene: 3627 CXCL10 Related reagents
Synonyms	INP10, SCYB10
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>Mouse anti Human CXCL10 antibody, clone D03-4F4, recognizes Chemokine C-X-C ligand 10 (CXCL10), also known as interferon-γ-inducible protein 10 (IP-10), is a member of the C-X-C subfamily of chemokines. CXCL10 can be secreted by leukocytes, neutrophils, monocytes, endothelial cells, fibroblasts, thyrocytes and keratinocytes. CXCL10 plays a role in the recruitment of immune cells expressing its specific receptor, CXCR3. Beyond regulating immune cell migration, CXCL10 also plays a role in regulating cell growth and angiogenesis inhibition during tissue injury, development and maintenance. Under normal physiological conditions, CXCL10 is usually undetectable in most non-lymphoid tissues. Only upon induction of an immunoinflammatory response through infection or injury is CXCL10 then detected (Muller et al. 2010). As such, CXCL10 has been used as a biomarker of disease severity and as a prognostic indicator for various renal diseases (Gao et al. 2020).</p> <p>This biotinylated Mouse anti Human CXCL10 antibody, clone D03-4F4 (MCA6189B) can be used as a detection antibody in a sandwich ELISA with the purified Mouse anti Human CXCL10 antibody, clone A01-2G1 (MCA6188GA) as the capture 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 #10041 available at: https://www.bio-rad-antibodies.com/SDS/MCA6189B 10041</p>
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

[MOUSE ANTI HUMAN CXCL10 \(MCA6188GA\)](#)

ELISA Matched Pair - Capture Antibody

[MOUSE ANTI HUMAN CXCL10 \(MCA6188GA\)](#)

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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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