

Datasheet: MCA2790F

Description:	MOUSE ANTI HUMAN INTERLEUKIN-8:FITC
Specificity:	IL-8
Other names:	CXCL8
Format:	FITC
Product Type:	Monoclonal Antibody
Clone:	NAPII
Isotype:	IgG1
Quantity:	100 TESTS

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
Flow Cytometry (1)	▪			

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.

(1) Membrane permeabilization is required for this application. The use of Leucoperm (Product Code [BUF09](#)) is recommended for this purpose.

Target Species	Human		
Product Form	Purified IgG - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant		
Buffer Solution	TRIS buffered saline		
Preservative	0.02% Sodium Azide (NaN ₃)		
Stabilisers	1% Bovine Serum Albumin		

Immunogen	Recombinant IL-8.
External Database Links	<p>UniProt: P10145 Related reagents</p> <p>Entrez Gene: 3576 IL8 Related reagents</p>
Synonyms	CXCL8
RRID	AB_2126223
Specificity	<p>Mouse anti Human Interleukin-8 antibody, clone NAPII human IL-8 (interleukin-8), a pro-inflammatory CXC chemokine designated CXCL8, secreted by endothelial cells and monocytes, which acts as a major chemoattractant for neutrophils, T cells and basophils.</p> <p>IL-8, first isolated from osteosarcoma cells, contains the ELR-motif (N-terminal Glu-Leu-Arg amino acid sequence) and signals through the CXCR1 and CXCR2 receptors. IL-8 plays a role in the angiogenesis and growth of tumors. Previous nomenclature for IL-8 includes neutrophil activating protein 1(NAP-1), granulocyte chemotactic protein 1 (GCP-1), monocyte-derived neutrophil-activating peptide (MONAP) and protein 3-10C.</p>
Flow Cytometry	Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.
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. This product is photosensitive and should be protected from light.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/MCA2790F10058
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:FITC \(MCA928F\)](#)

Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

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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

'M410611:221028'

Printed on 12 Aug 2023

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