

Datasheet: MCA1109

BATCH NUMBER 149751

Description:	MOUSE ANTI HUMAN INTERLEUKIN-8
Specificity:	IL-8
Other names:	CXCL8
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	B-K8
Isotype:	IgG1
Quantity:	0.5 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
Flow Cytometry			▪	
Immunohistology - Frozen (1)	▪			
Immunohistology - Paraffin		▪		
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting			▪	

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

(1)The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. Bio-Rad recommends the use of acetone fixation for frozen sections.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1 mg/ml
Immunogen	Recombinant Human Interleukin-8.
External Database Links	<p>UniProt: P10145 Related reagents</p> <p>Entrez Gene: 3576 IL8 Related reagents</p>
Synonyms	CXCL8
RRID	AB_322151
Fusion Partners	Spleen cells from immunized BALB/c (Iffa Credo) mice were fused with cells of the X63.Ag8.653 mouse myeloma cell line.
Specificity	Mouse anti Human Interleukin-8 antibody, clone B-K8 recognizes human IL-8, also known as CXCL8 or C-X-C motif chemokine 8. Mouse anti Human Interleukin-8 antibody, clone B-K8 is reported to block the chemotaxis of neutrophils. Removal of the preservative is recommended prior to use in functional assays.
References	<ol style="list-style-type: none"> 1. Dunzendorfer, S. <i>et al.</i> (1998) Secretoneurin, a novel neuropeptide, is a potent chemoattractant for human eosinophils. Blood. 91 (5): 1527-32. 2. Mueller, L. <i>et al.</i> (2007) Stromal fibroblasts in colorectal liver metastases originate from resident fibroblasts and generate an inflammatory microenvironment. Am J Pathol. 171: 1608-18. 3. Srivani, R. <i>et al.</i> (2003) Molecular logistics of cytokines in cervical cancer Current Sci. 84: 434-8.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost-free freezers is not recommended. 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	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA1109

Regulatory

For research purposes only

Related Products**Recommended Secondary Antibodies**

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR76...)	RPE
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 (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC

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