Datasheet: MCA1693 BATCH NUMBER 1806

Description:	MOUSE ANTI HUMAN IP-10
Specificity:	IP-10
Other names:	CXCL10
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	4D5
le et me	100
isotype:	IgG2a

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 <u>www.bio-</u> rad-antibodies com/protocols						
		Yes	No	Not Determined	I Suggested Dilution		
	Flow Cytometry			•			
	Immunohistology - Frozen						
	Immunohistology - Paraffin						
	ELISA	-			1ug/ml - 2ug/ml		
	Immunoprecipitation			•			
	Western Blotting	•			1/1000		
	Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody 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 A from tissue culture supernatant						
Buffer Solution	Phosphate buffered salin						
Preservative Stabilisers	0.09% Sodium Azide						

Carrier Free	Yes	
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml	
Immunogen	Recombinant human IP-10.	
External Database Links	UniProt: <u>P02778</u> <u>Related reagents</u>	
	Entrez Gene: <u>3627</u> CXCL10 <u>Related reagents</u>	
Synonyms	INP10, SCYB10	
RRID	AB_2087882	
Fusion Partners	Spleen cells from immunised Balb/c mice were fused with cell AgP-653 myeloma cell line	s of the mouse P3X63-
Specificity	Mouse anti Human IP-10 antibody, clone 4D5 recognizes hu chemokine 10, also known as IP-10, Small-inducible cytokine 98 amino acid ~10kDa CxC chemokine induced by interferon	uman C-X-C motif B10 or CXCL10. IP-10 is a γ.
References	 Wetzel, M.A. <i>et al.</i> (2000) Mu-opioid induction of monocyte RANTES, and IFN-gamma-inducible protein-10 expression in mononuclear cells. <u>J Immunol. 165: 6519-24.</u> De Paepe, B. <i>et al.</i> (2012) Upregulation of chemokines and muscular dystrophy: potential for attenuation of myofiber necro <u>917-25.</u> 	chemoattractant protein-1, human peripheral blood their receptors in Duchenne osis. <u>Muscle Nerve. 46 (6):</u>
Storage	Store at +4°C or at -20°C if preferred.	
	This product should be stored undiluted.	
	Storage in frost free freezers is not recommended. Avoid repe as this may denature the antibody. Should this product contair recommend microcentrifugation before use.	ated freezing and thawing a precipitate we
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/MCA1693 10040	
Regulatory	For research purposes only	

Related Products

Recommended Secondary Antibodies

Rabbit Ar	nti Mouse IgG (STAR12	.) [RPE					
Goat Anti Mouse IgG IgA IgM (STAR87) <u>HRP</u>								
Goat Ant	Mouse IgG (STAR76)	E	RPE					
Rabbit Ar	nti Mouse IgG (STAR13	.) 1	HRP					
Goat Ant	Mouse IgG (STAR70)	E	<u>FITC</u>					
Goat Ant	Mouse IgG (H/L) (STAR	.117)	Alk. Phos., DyLight®488,	DyLight®550,				
		<u>[</u>	DyLight®650, DyLight®68	0, DyLight®80	<u>00,</u>			
		Ē	FITC, <u>HRP</u>					
Rabbit Ar	nti Mouse IgG (STAR9)	E	<u>FITC</u>					
Goat Anti	Mouse IgG (STAR77)	Ŀ	HRP					
Goat Ant	Mouse IgG (Fc) (STAR1	20)	FITC, <u>HRP</u>					
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America	Fax: +1 919 878 3751		Fax: +44 (0)1865 852 739		Fax: +49 (0) 89 8090 95 50			
	Email: antibody_sales_us@bio-rac	l.com	Email: antibody_sales_uk@bio	o-rad.com	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								

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