

Datasheet: MCA1693

BATCH NUMBER 153563

Description:	MOUSE ANTI HUMAN IP-10
Specificity:	IP-10
Other names:	CXCL10
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	4D5
Isotype:	IgG2a
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		■		
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 saline
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	<p>UniProt: P02778 Related reagents</p> <p>Entrez Gene: 3627 CXCL10 Related reagents</p>
Synonyms	INP10, SCYB10
RRID	AB_2087882
Fusion Partners	Spleen cells from immunised Balb/c mice were fused with cells of the mouse P3X63-AgP-653 myeloma cell line
Specificity	Mouse anti Human IP-10 antibody, clone 4D5 recognizes human C-X-C motif chemokine 10, also known as IP-10, Small-inducible cytokine B10 or CXCL10. IP-10 is a 98 amino acid ~10kDa CxC chemokine induced by interferon γ .
References	<ol style="list-style-type: none"> 1. Wetzel, M.A. <i>et al.</i> (2000) Mu-opioid induction of monocyte chemoattractant protein-1, RANTES, and IFN-gamma-inducible protein-10 expression in human peripheral blood mononuclear cells. J Immunol. 165: 6519-24. 2. De Paepe, B. <i>et al.</i> (2012) Upregulation of chemokines and their receptors in Duchenne muscular dystrophy: potential for attenuation of myofiber necrosis. Muscle Nerve. 46 (6): 917-25.
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/MCA1693 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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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
'M365595:200529'

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