

Datasheet: MCA1613

Description:	MOUSE ANTI HUMAN INTERLEUKIN-12
Specificity:	IL-12 p40
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	I-1A4
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	▪			
Immunohistology - Paraffin			▪	
ELISA	▪			1/1000 as detecting antibody
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.

Target Species	Human
Species Cross Reactivity	<p>Reacts with: Pig</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
Product Form	Purified IgG - liquid
Preparation	Antibody purified 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 IL-12.
External Database Links	<p>UniProt: P29460 Related reagents</p> <p>Entrez Gene: 3593 IL12B Related reagents</p>
Synonyms	NKSF2
RRID	AB_2123619
Fusion Partners	Spleen cells from immunized BALB/c mice were fused with cells of the mouse SP2-0 myeloma cell line.
Specificity	<p>Mouse anti Human Interleukin-12 antibody, clone I-1A4 recognizes the p40 subunit of human interleukin-12, and binds to both the free IL-12 p40 subunit and the p35/p40 heterodimer.</p> <p>Mouse anti Human Interleukin-12 antibody, clone I-1A4 reacts with both stimulated and unstimulated monocytes in immunohistology.</p>
References	<ol style="list-style-type: none"> 1. Visvanathan S <i>et al.</i> (2011) Tissue and serum markers of inflammation during the follow-up of patients with giant-cell arteritis--a prospective longitudinal study. Rheumatology (Oxford). 50 (11): 2061-70. 2. Nagashima, N. <i>et al.</i> (2008) Prognostic significance of the local expression of interleukin-12 in patients with advanced gastric cancer. Anticancer Res. 28: 1277-83. 3. Carter R.W. <i>et al.</i> (1997) Production and characterization of monoclonal antibodies to human interleukin-12. Hybridoma. 16: 363-9.
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.</p>
Guarantee	12 months from date of despatch
Health And Safety	Material Safety Datasheet documentation #10040 available at:

Information 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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
Rabbit Anti Mouse IgG (STAR9...)	FITC
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

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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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
'M405392:220916'

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