

Datasheet: MCA6206GA

BATCH NUMBER 100005089

Description:	MOUSE ANTI HUMAN INTERLEUKIN-17A/F
Specificity:	IL-17A/F
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	D01-1C2
Isotype:	IgG1
Quantity:	0.1 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
ELISA	▪			1.0 ug/ml

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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	<i>E. coli</i> derived recombinant human full length interleukin-17A/F (Gly24-Ala155)

External Database Links	<p>UniProt:</p> <p>Q16552 Related reagents</p> <p>Q96PD4 Related reagents</p> <p>Entrez Gene:</p> <p>3605 IL17A Related reagents</p> <p>112744 IL17F Related reagents</p>
Synonyms	CTLA8, IL17, IL24
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>Mouse anti Human interleukin-17A/F antibody, clone D01-1C2, recognizes interleukin-17 A and F. The IL-17 family consists of six proteins (IL-17A to IL-17F) which function as proinflammatory cytokines, important for defence against pathogens (Gurczynski and Moore, 2017). Accordingly, IL-17-producing CD4⁺ T helper cells, also called Th17 cells, play important roles in immune defense. Uncontrolled IL-17 signaling is associated with immunopathology, autoimmune diseases, and cancer, and blocking activity of IL-17 can be beneficial in some clinical settings (Amatya et al. 2017). This antibody recognizes IL-17A, the most studied member of the IL-17 family, and its closest relative IL-17F (Chen and Kolls 2017). These two proteins have similar structure and inflammatory function, but unique functions of IL-17F in the immune system have also been indicated (Chang and Dong, 2009).</p> <p>The purified Mouse anti Human interleukin-17A/F antibody, clone D01-1C2 (MCA6206GA) can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human interleukin-17A/F antibody, clone I07-5E4 (MCA6207B) as the detection antibody.</p>
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. 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/MCA6206GA 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](#)

Recommended Useful Reagents

[MOUSE ANTI HUMAN INTERLEUKIN-17A/F:Biotin \(MCA6207B\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 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
'M378791:210304'

Printed on 19 Jan 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)