

Datasheet: MCA6211B

Description:	MOUSE ANTI HUMAN INTERLEUKIN-28A:Biotin
Specificity:	IL-28A
Other names:	Interferon lambda-2
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	G02-3A6
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 conjugated to Biotin - 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) 1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml
Immunogen	<i>E. coli</i> derived recombinant human full length interleukin-28a (Val26-Val200)

**External Database
Links**

UniProt:

[Q8IZJ0](#) [Related reagents](#)

Entrez Gene:

[282616](#) IL28A [Related reagents](#)

Synonyms

IFNL2, ZCYTO20

Fusion Partners

Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0

Specificity

Mouse anti Human interleukin-28A antibody, clone G02-3A6, recognizes interleukin-28A (IL-28A), also known as interferon lambda-2 (IFNL2). IL-28A is a member of the IL-10 interferon cytokine family. Similar to interferons, IL-28A is induced by viral infection and has anti-viral activity ([Kempuraj et al. 2004](#)). IL-28A can be produced by virus infected cells in the skin, leading to upregulation of proteins that inhibit virus replication. In this way, IL-28A may be involved with clearance of viruses in the skin ([Wolk et al. 2010](#)). IL-28A is able to induce the innate and adaptive immune responses to engage in anti-tumor activity ([Numasaki et al. 2007](#)).

The biotinylated Mouse anti Human interleukin-28A antibody, clone G02-3A6 (**MCA6211B**) can be used as a detection antibody in a sandwich ELISA with the purified Mouse anti Human interleukin-28A antibody, clone G04-5A2 ([MCA6210GA](#)) as the capture antibody.

Storage

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10041 available at:
10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

Regulatory

For research purposes only

Related Products

ELISA Matched Pair - Capture Antibody

[MOUSE ANTI HUMAN INTERLEUKIN-28A \(MCA6210GA\)](#)

ELISA Antigen - Positive Control

[RECOMBINANT HUMAN INTERLEUKIN-28A \(PHP298\)](#)

North & South Tel: +1 800 265 7376

America 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

'M390647:210924'

Printed on 08 Feb 2023

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)