

Datasheet: MCA6211B

BATCH NUMBER 100005097

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	0.09% Sodium Azide (NaN ₃)
Stabilisers	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](#)). Studies have also indicated that 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

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10041 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6211B>
10041

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 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

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