

Datasheet: MCA6210GA

Description:	MOUSE ANTI HUMAN INTERLEUKIN-28A
Specificity:	IL-28A
Other names:	Interferon lambda-2
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	G04-5A2
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-28a (Val26-Val200)
External Database Links	<p>UniProt: Q8IZJ0 Related reagents</p> <p>Entrez Gene: 282616 IL28A Related reagents</p>
Synonyms	IFNL2, ZCYTO20
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>Mouse anti Human interleukin-28A antibody, clone G04-5A2, 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).</p> <p>The purified Mouse anti Human interleukin-28A antibody, clone G04-5A2 (MCA6210GA) can be used as a capture antibody in a sandwich ELISA with biotinylated Mouse anti Human interleukin-28A antibody, clone G02-3A6 (MCA6211B) as the detection antibody.</p>
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 Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA6210GA 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR70...)	FITC

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

Recommended Negative Controls

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

ELISA Matched Pair - Detection Antibody

[MOUSE ANTI HUMAN INTERLEUKIN-28A:Biotin \(MCA6211B\)](#)

ELISA Antigen - Positive Control

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

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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
'M390646:210924'

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