

Datasheet: MCA6210GA

BATCH NUMBER 100005091

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| 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.

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| 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 |

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| 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). 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).</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 the biotinylated Mouse anti Human interleukin-28A antibody, clone G02-3A6 (MCA6211B) 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/MCA6210GA 10040 |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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| 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 |
| 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](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

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
'M386380:210521'

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