

Datasheet: MCA1117

BATCH NUMBER 171213

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|----------------------|-----------------------------------|
| Description: | MOUSE ANTI HUMAN INTERFERON ALPHA |
| Specificity: | IFN ALPHA |
| Other names: | INTERFERON ALPHA |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | C10F5 |
| Isotype: | IgG1 |
| Quantity: | 0.5 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 |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry | | | ▪ | |
| Immunohistology - Frozen | ▪ | | | |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | ▪ | | | |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | | | ▪ | |

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody 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 A |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide |
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |

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| Immunogen | Recombinant Human Interferon alpha -A. |
| External Database Links | <p>UniProt:</p> <p>P01562 Related reagents</p> <p>P01568 Related reagents</p> <p>P01563 Related reagents</p> <p>Entrez Gene:</p> <p>3447 IFNA13 Related reagents</p> <p>3452 IFNA21 Related reagents</p> <p>3440 IFNA2 Related reagents</p> |
| RRID | AB_2122493 |
| Fusion Partners | Spleen cells from immunized BALB/c mice were fused with cells of the X63. Ag8.653 myeloma cell line. |
| Specificity | <p>Mouse anti Human interferon alpha antibody, clone C10F5 recognizes an epitope common to IFN-alpha subtypes A, F, D, I1 and P. Strongest reaction in ELISA is with subtypes alpha F and alpha D. It has an affinity constant of 2.4×10^{-10}M.</p> <p>Mouse anti Human interferon alpha antibody, clone C10F5 has been used successfully for the immunohistochemical detection of interferon-α producing cells on cryostat sections in a human suction blister model (Reed et al. 2004).</p> |
| References | <ol style="list-style-type: none"> 1. Reed, J.R. <i>et al.</i> (2004) Telomere erosion in memory T cells induced by telomerase inhibition at the site of antigenic challenge <i>in vivo</i>. J Exp Med. 199 (10): 1433-43. 2. van der Laan, A. M. (2013) Adverse left ventricular remodelling after acute myocardial infarction in patients is associated with attenuated type I interferon signalling In: Monocytes in ischemic heart disease 's-Hertogenbosch: Boxpress |
| Storage | <p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. 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 | <p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA1117</p> <p>10040</p> |
| 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 IgA IgM (STAR87...) | Alk. Phos. , HRP |
| Goat Anti Mouse IgG (STAR76...) | RPE |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC , HRP |
| 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 |

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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

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