

## Datasheet: MCA1117

**BATCH NUMBER 171213**

<b>Description:</b>	MOUSE ANTI HUMAN INTERFERON ALPHA
<b>Specificity:</b>	IFN ALPHA
<b>Other names:</b>	INTERFERON ALPHA
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	C10F5
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml

<b>Immunogen</b>	Recombinant Human Interferon alpha -A.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01562</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01568</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01563</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">3447</a>    IFNA13    <a href="#">Related reagents</a></p> <p><a href="#">3452</a>    IFNA21    <a href="#">Related reagents</a></p> <p><a href="#">3440</a>    IFNA2    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_2122493
<b>Fusion Partners</b>	Spleen cells from immunized BALB/c mice were fused with cells of the X63. Ag8.653 myeloma cell line.
<b>Specificity</b>	<p><b>Mouse anti Human interferon alpha antibody, clone C10F5</b> 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 <math>2.4 \times 10^{-10}</math>M.</p> <p>Mouse anti Human interferon alpha antibody, clone C10F5 has been used successfully for the immunohistochemical detection of interferon-<math>\alpha</math> producing cells on cryostat sections in a human suction blister model (<a href="#">Reed et al. 2004</a>).</p>
<b>References</b>	<ol style="list-style-type: none"> <li>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>. <a href="#">J Exp Med. 199 (10): 1433-43.</a></li> <li>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: <a href="#">Monocytes in ischemic heart disease 's-Hertogenbosch: Boxpress</a></li> </ol>
<b>Storage</b>	<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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA1117">https://www.bio-rad-antibodies.com/SDS/MCA1117</a></p> <p>10040</p>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®550</a> , <a href="#">DyLight®650</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>

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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](https://bio-rad-antibodies.com/datasheets)

'M364803:200529'

Printed on 18 Jan 2024