

Datasheet: MCA1431

Description:	RAT ANTI MOUSE INTERFERON ALPHA
Specificity:	IFN ALPHA
Other names:	INTERFERON ALPHA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	F18
Isotype:	IgG1
Quantity:	0.2 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			▪	
Functional Assays	▪			

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.

Target Species	Mouse
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
External Database Links	UniProt: Q61718 Related reagents

Specificity **Rat anti Mouse interferon alpha antibody, clone F18** recognizes most isoforms of natural and recombinant murine alpha interferon. It does not cross-react with murine beta or gamma interferon, nor with human alpha interferon.

The antibody exhibits neutralizing activity of approximately 6.25×10^4 neutralizing units/mg.

References

1. Cao, Z. *et al.* (2001) Interferon-inducible protein 10 induction and inhibition of angiogenesis *in vivo* by the antitumor agent 5,6-dimethylxanthenone-4-acetic acid (DMXAA). [Cancer Res. 61 \(4\): 1517-21.](#)
2. Barchet, W. *et al.* (2002) Virus-induced interferon alpha production by a dendritic cell subset in the absence of feedback signaling *in vivo*. [J Exp Med. 195: 507-16.](#)

Storage Store at -20°C only.

This product should be stored undiluted.

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.

Shelf Life 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet Documentation #10102 available at: <https://www.bio-rad-antibodies.com/uploads/MSDS/10102.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rat IgG (STAR69...)	FITC
Rabbit Anti Rat IgG (STAR16...)	DyLight®800
Goat Anti Rat IgG (STAR73...)	RPE
Rabbit Anti Rat IgG (STAR21...)	HRP
Rabbit Anti Rat IgG (STAR17...)	FITC
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...)	DyLight®549 , DyLight®649 , DyLight®800
Rabbit Anti Rat IgG (STAR20...)	RPE
Goat Anti Rat IgG (STAR131...)	Alk. Phos. , Biotin
Goat Anti Rat IgG (STAR72...)	HRP

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