ARG23895
anti-IFN alpha antibody [F18]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [F18] recognizes IFN alpha
Tested Reactivity	Ms
Tested Application	FuncSt, IHC-Fr
Specificity	The antibody 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 x 10^4 neutralizing units/mg.
Host	Rat
Clonality	Monoclonal
Clone	F18
Isotype	IgG1
Target Name	IFN alpha
Species	Mouse
Immunogen	Mouse IFN alpha.
Conjugation	Un-conjugated
Alternate Names	IFNA1; Interferon Alpha 1; IFN-AlphaD; IFN-ALPHA IFNA13; IFNA@; IFL; IFN; Interferon Alpha-1/13; Interferon Alpha 1b; Interferon Alpha-D; IFN-Alpha-1/13; LeIF D; Interferon-Alpha1; IFN-Alpha 1b

Application Instructions

Application table

Application	Dilution
FuncSt	Assay-dependent
IHC-Fr	Assay-dependent

Application Note

* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.1% BSA.
Stabilizer	0.1% BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	IFNA1
Gene Full Name	interferon, alpha 1
Background	The protein encoded by this gene is produced by macrophages and has antiviral activity. This gene is intronless and the encoded protein is secreted. [provided by RefSeq, Sep 2011]
Function	Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. [UniProt]
Highlight	Related products: IFN alpha antibodies; IFN alpha ELISA Kits; Anti-Rat IgG secondary antibodies; Related news: Exploring Antiviral Immune Response circNDUFB2, a circular RNA (circRNA), activates anti-tumor immunity
Calculated Mw	22 kDa
Cellular Localization	Secreted. [UniProt]