

## Ifna1

### Rat Anti-Mouse IFN-alpha (Clone F18) Neutralizing mAb

<b>Catalog No.</b>	MON5067	<b>Quantity:</b>	1.0 ml
<b>Alternate Names:</b>	Interferon alpha-1, IFN-alpha-1, IFN-a		
<b>Description:</b>	<p>Rat monoclonal anti-mouse IFN-alpha (clone F18) binds and neutralizes both native and recombinant mouse alpha Interferon. It may be used for biological assays as well as for purification. The antibody reacts with most isoforms of native or recombinant mouse alpha interferons. It does not cross react with mouse Interferons beta or gamma, nor with human Interferons.</p> <p>With the availability of monoclonal antibodies directed against alpha Interferon, it is possible to interpret results obtained from crude materials containing both alpha and beta Interferon. The difficulties in studying <i>in vitro</i> and <i>in vivo</i> effects of Type 1 Interferons arise from the fact that both alpha and beta Interferons are produced in response to the same stimuli and also seem to act via the same receptor. These Interferon activities can only be distinguished from one another by use of specific neutralizing antibodies.</p>		
<b>UniProt ID (target):</b>	P01572		
<b>Specificity:</b>	Native and recombinant mouse IFN-alpha		
<b>Concentration:</b>	100 µg/ml		
<b>Isotype:</b>	Rat IgG1		
<b>Clone:</b>	F18		
<b>Formulation:</b>	Sterile-filtered PBS containing 0.02% sodium azide and 0.1% BSA		
<b>Cross-Reactivity:</b>	Reacts with most isoforms of native and recombinant mouse alpha interferons. Does not cross react with mouse IFN-gamma or -beta, or with human interferons.		
<b>Applications:</b>	Functional studies, neutralizing, ELISA, FC, Western blot		
<b>Application Notes:</b>	Flow Cytometry: suggested starting dilution is 1:10		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for up to 1 year		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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