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**Product Name: IFNAR1 Mouse Monoclonal Antibody****Catalog #: AMM82910**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,ELISA,FC
<b>Reactivity</b>	Human, Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	63.5kDa

**Antigen Information**

<b>Gene Name</b>	IFNAR1
<b>Alternative Names</b>	AVP; IFRC; IFNAR; IFNBR; IFN-alpha-REC
<b>Gene ID</b>	3454.0
<b>SwissProt ID</b>	P17181
<b>Immunogen</b>	Purified recombinant fragment of human IFNAR1 (AA: 28-156) expressed in E. Coli.

**Background**

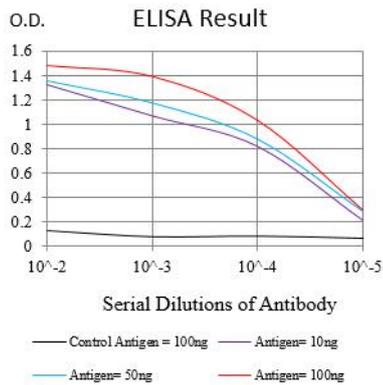
The protein encoded by this gene is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. The protein belongs to the type II cytokine receptor family and functions as an antiviral

factor.

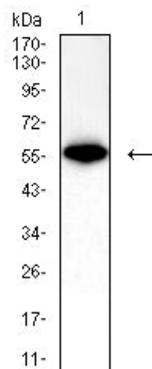
## Research Area

PI3K-Akt signaling pathway

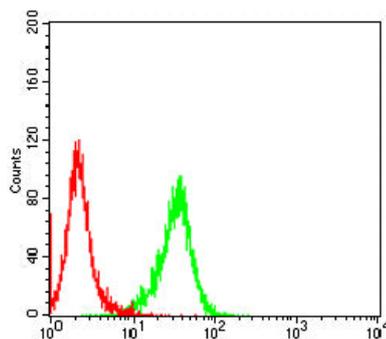
## Image Data



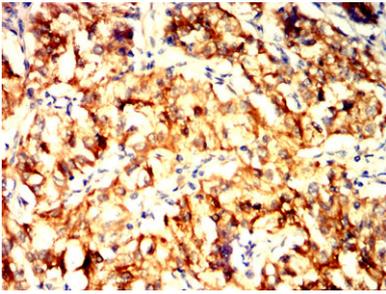
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



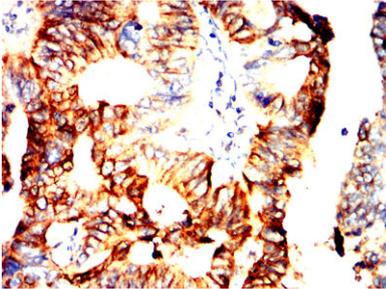
Western blot analysis using IFNAR1 mouse mAb against mouse lung (1) lysate.



Flow cytometric analysis of K562 cells using IFNAR1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human kidney cancer tissues using IFNAR1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using IFNAR1 mouse mAb with DAB staining.