

# InVivo Anti-Mouse IFNAR1 Antibody (MAR1-5A3)

CatalogNo: YV0028

## Key Features

### Host Species

- Rat

### Reactivity

- Mouse

### Applications

- In vivo

### Isotype

- IgG1,kappa

## Storage

### Storage\*

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.

### Formulation

0.01M PBS, pH 7.4.

## Recommended Dilution Ratios

## Basic Information

### Purity

Endotoxin level <1 EU/mg. Purity>95% as determined by SDS-PAGE.

### Clonality

Monoclonal

## Immunogen Information

## Target Information

### Gene name

IFNAR1

### Protein Name

Interferon alpha/beta receptor 1

### Organism

Human

### Gene ID

[3454](#);

### UniProt ID

[P17181](#);

<b>Cellular Localization</b>	[Isoform 1]: Cell membrane ; Single-pass type I membrane protein . Late endosome . Lysosome . Interferon binding triggers internalization of the receptor from the cell membrane into endosomes and then into lysosomes. .
<b>Tissue specificity</b>	IFN receptors are present in all tissues and even on the surface of most IFN-resistant cells. Isoform 1, isoform 2 and isoform 3 are expressed in the IFN-alpha sensitive myeloma cell line U266B1. Isoform 2 and isoform 3 are expressed in the IFN-alpha resistant myeloma cell line U266R. Isoform 1 is not expressed in IFN-alpha resistant myeloma cell line U266R.
<b>Function</b>	Function:Receptor for interferons alpha and beta. Binding to type I IFNs triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and IFNR alpha- and beta-subunits themselves.,PTM:Phosphorylated on tyrosine residues by TYK2 tyrosine kinase.,sequence Caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the type II cytokine receptor family.,similarity:Contains 3 fibronectin type-III domains.,tissue specificity:IFN receptors are present in all tissues and even on the surface of most IFN-resistant cells. Isoform 1, isoform 2 and isoform 3 are expressed in the IFN-alpha sensitive myeloma cell line U266S. Isoform 2 and isoform 3 are expressed in the IFN-alpha resistant myeloma cell line U266R, isoform 1 is not expressed in U266R.,

## Validation Data

## Contact information

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Please scan the QR code to access additional product information:  
**InVivo Anti-Mouse IFNAR1 Antibody (MAR1-5A3)**

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