

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](#);

Cellular Localization	[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. .
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 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.
Function	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

Orders: order.cn@immunoway.com
 Support: support.cn@immunoway.com
 Telephone: 400-8787-807(China)
 Website: <http://www.immunoway.com.cn>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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

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