

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

## Chemical Properties

CAS No. :

Formula:

Molecular Weight: 150 kDa

Store at low temperature

Storage: -20°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Anti-Mouse IFNAR1 Antibody (MAR1-5A3) is a neutralizing monoclonal antibody that specifically binds to IFNAR1, blocking its signaling both in vitro and in vivo. It is of the Mouse IgG1 kappa isotype, with a corresponding isotype control [1] [2].
Targets(IC50)	Antibiotic,IFNAR
In vitro	The anti-mouse IFNAR1 antibody (MAR1-5A3) at 20 µg/ml for 18 hours inhibits IFNAR1 signaling in bone marrow-derived macrophages [2].
In vivo	The Anti-Mouse IFNAR1 Antibody (MAR1-5A3) administered at a dosage of 250-500 µg/mouse via intraperitoneal injection inhibited IFNAR1 signaling in a WT mouse model [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0067 mL	0.0333 mL	0.0667 mL
5 mM	0.0013 mL	0.0067 mL	0.0133 mL
10 mM	0.0007 mL	0.0033 mL	0.0067 mL
50 mM	0.0001 mL	0.0007 mL	0.0013 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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