

## Anti-Mouse IFN gamma Antibody (R4-6A2)

## Chemical Properties

CAS No. :

Formula:

Molecular Weight: 145.46 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Anti-Mouse IFN gamma Antibody (R4-6A2) is an IgG1 monoclonal antibody against mouse IFN gamma that can elevate total serum IgG levels and is suitable for studies in immunology and infectious diseases such as leishmania infection.
Targets(IC50)	IFNAR
In vitro	Anti-Mouse IFN gamma Antibody (R4-6A2) (10 µg/mL, 4-day treatment) inhibits the IFN-γ signaling pathway in CD4 <sup>+</sup> T cells and promotes Th9 cell differentiation [1].
In vivo	Anti-Mouse IFN gamma Antibody (R4-6A2) (0.5 mg, intraperitoneal injection, 1 day before each infection, for a total of 3 doses) significantly elevates total IgE levels in female BALB/c mice infected with Leishmania.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0344 mL	0.0687 mL
5 mM	0.0014 mL	0.0069 mL	0.0137 mL
10 mM	0.0007 mL	0.0034 mL	0.0069 mL
50 mM	0.0001 mL	0.0007 mL	0.0014 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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