

Anti-Mouse IFN gamma Antibody (XMG1.2)

Chemical Properties

CAS No. :

Formula:

Molecular Weight: 150 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 (XMG1.2) is an inhibitory antibody that targets and neutralizes mouse IFN- γ , suitable for research in cancer, inflammation, and immunology.
Targets(IC50)	COX
In vivo	<p>Anti-Mouse IFN gamma Antibody (XMG1.2) (500 μg; intraperitoneal injection; administered on days 0/3/7/10/14/17) increased the incidence and severity of multiple myeloma in a mouse model, indicating IFNγ as a mediator of successful anti-myeloma immune responses in the 5TGM1 metastasis model [1].</p> <p>Anti-Mouse IFN gamma Antibody (XMG1.2) is effective in a mouse model of hemophagocytic lymphohistiocytosis secondary to chronic inflammation [2].</p> <p>Anti-Mouse IFN gamma Antibody (XMG1.2) (100 mg/kg; intravenous injection; administered on days 14/20/28/35/42) improved graft implantation in <i>lfngr1</i>^{-/-} mice infected with BCG [3].</p> <p>Anti-Mouse IFN gamma Antibody (XMG1.2) (100 μg; intraperitoneal injection; administered every other day starting on day 10) prevented Purkinje cell loss and clinical disease in a mouse model of paraneoplastic cerebellar degeneration [4].</p> <p>Anti-Mouse IFN gamma Antibody (XMG1.2) (100 μg/g; intraperitoneal injection; single dose) increased survival in an LPS-induced macrophage activation syndrome mouse model[5].</p> <p>Anti-Mouse IFN gamma Antibody (XMG1.2) (500 μg; intraperitoneal injection; administered on days 0/3/7/10/14/17) increased the incidence and severity of multiple myeloma in a mouse model, indicating IFNγ as a mediator of successful anti-myeloma immune responses in the 5TGM1 metastasis model [1].</p> <p>Anti-Mouse IFN gamma Antibody (XMG1.2) is effective in a mouse model of hemophagocytic lymphohistiocytosis secondary to chronic inflammation [2].</p> <p>Anti-Mouse IFN gamma Antibody (XMG1.2) (100 mg/kg; intravenous injection; administered on days 14/20/28/35/42) improved graft implantation in <i>lfngr1</i>^{-/-} mice infected with BCG [3].</p> <p>Anti-Mouse IFN gamma Antibody (XMG1.2) (100 μg; intraperitoneal injection; administered every other day starting on day 10) prevented Purkinje cell loss and clinical disease in a mouse model of paraneoplastic cerebellar degeneration [4].</p> <p>Anti-Mouse IFN gamma Antibody (XMG1.2) (100 μg/g; intraperitoneal injection; single dose) increased survival in an LPS-induced macrophage activation syndrome mouse</p>

A DRUG SCREENING EXPERT

In vivo	model[5].
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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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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