

Anti-Mouse IL-6 Antibody (MP5-20F3)

Chemical Properties

CAS No. :

Formula:

Molecular Weight: 145.19 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Anti-Mouse IL-6 Antibody (MP5-20F3) is a monoclonal antibody against mouse IL-6, which can reshape the tumor microenvironment by blocking IL-6, inhibit the STAT3 pathway and enhance T cell infiltration, and is suitable for research on inflammatory and infectious diseases (such as malignant pleural effusion, MPE).
Targets(IC50)	IL Receptor
In vivo	Anti-Mouse IL-6 Antibody (MP5-20F3), administered intraperitoneally at a dose of 200 µg (on day 7 and day 14), can significantly reduce the volume of malignant pleural effusion (MPE) in male C57BL/6J mice bearing Lewis lung cancer (LLC) tumors, prolong their survival time, and enhance CD8+ T cell infiltration[1]. Anti-Mouse IL-6 Antibody (MP5-20F3), administered intraperitoneally at a dose of 0.4 mg (once a day, from day 0 to day 5 or day 6), can reduce the hepcidin level to normal in female Balb/c and C57BL/6 mice infected with parasites[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0344 mL	0.0689 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 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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