

Anti-Mouse CTLA-4 Antibody (9D9)

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 CTLA-4 Antibody (9D9) is an IgG2b monoclonal antibody that binds CTLA-4, blocking B7 interaction. It enhances T cell function by modulating CD8+/Treg ratios and is used in colon cancer and melanoma research.
Targets(IC50)	Others
In vitro	Anti-Mouse CTLA-4 Antibody (9D9) (0.01-1000 nM, 1 hour) treatment of HEK293-F cells can significantly block the binding of B7 to CTLA-4 in HEK293-F cells (ELISA IC50 value is 23.5 nM, cell surface IC50 value is 24.4 nM). [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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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