

Anti-Mouse CD8 α Antibody (2.43)

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 CD8 α Antibody (2.43) is a murine-derived monoclonal antibody against CD8 α . It can deplete CD8 $^+$ T cells and prolong the survival time of liver cell transplants. It can be used in immunological research.
Targets(IC50)	Immunology/Inflammation related
In vitro	Anti-Mouse CD8 α Antibody (2.43) (10 μ g/mL) was applied to murine splenocyte cultures to inhibit CD8 $^+$ T cell activity. This blockade enhanced miR-520b-mediated antitumor immune responses by altering macrophage polarization and promoting CD4 $^+$ T cell activation[1].
In vivo	In a mouse subcutaneous tumor model, mice were administered miR-520b (20 μ g, tail vein) and received Anti-Mouse CD8 α Antibody (2.43) (100 μ g, intraperitoneal injection on day 3) to deplete CD8 $^+$ T cells. CD8 $^+$ T cell depletion impaired the tumor-suppressive effects of miR-520b, indicating the antibody effectively neutralized CD8 $^+$ T cell-mediated immunity in vivo[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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