

## Anti-CD19 Antibody (4G7)

## 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-CD19 Antibody (4G7) is a monoclonal inhibitory antibody against human CD19 that can inhibit the cytotoxic effect of CAR-T cells on Raji cells. It is mostly used in immunology-related research.
Targets(IC50)	Immunology/Inflammation related
In vitro	Anti-CD19 Antibody (4G7) treatment for 4 hours blocks the cytotoxicity of TanCAR-T cells against Raji cells and inhibits the secretion of IFN- $\gamma$ and IL-2 [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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