

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- γ 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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