

Anti-SARS-CoV-2 Spike mAb (CR3022)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at -20°C
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Anti-SARS-CoV-2 Spike mAb (CR3022) is a human monoclonal IgG1 antibody produced from CHO cells, which specifically targets the S1 domain of the Spike protein in both SARS-CoV and SARS-CoV-2.
Targets(IC50)	SARS-CoV
In vitro	CR3022 identifies and binds to a concealed epitope on the spike (S) protein, which is only exposed in its open conformations[1]. Moreover, CR3022 exhibits a stronger affinity for SARS-CoV over SARS-CoV-2 due to the presence of a specific glycan in its epitope that is absent in SARS-CoV-2[2].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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