

Anti-SARS-CoV & CoV-2 Spike IgM Antibody [Clone CR3022]

Catalog Number LDG0081YA

Package 50 µg / Customized package

For full product information, images and publications, please visit [our website](#).



Overview

Description

Human anti-SARS-CoV-2 Spike Antibody [CR3022] recognizes human SARS-CoV and CoV-2 spike protein with high affinity. The binding site is amino acids 318-510 (RBD, Receptor Binding Domain) in the S1 subunit of the spike protein. Coronavirus spike protein conducts the process that interacts with cellular receptor and membrane fusion to allow virus entering into target cells. Spike protein also can be used to define the specificity of the virus and be used as a critical target for vaccine design. The glycosylated spike protein can be detected in the virus-infected cell and cell culture medium. The RBD is responsible for recognizing the cell surface receptor.

Product Note

Recommended dilution factor:

ELISA: 1:5000-20000

NTRL: Assay dependent

SPR: Assay dependent

Crystallography: Assay dependent

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

Specifications

Clonality

Recombinant Human IgM

Isotype

IgM

Clone Name

clone CR3022

Reactivity

SARS-CoV & CoV-2

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Application

ELISA, NTRL, SPR, Crystallography

Concentration

0.5 mg/mL

Specificity

Spike protein

Conjugation

Unconjugated

Storage Buffer

Phosphate Buffered Saline, pH 7.4.

Form

Liquid

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at 2-8°C for long term storage.

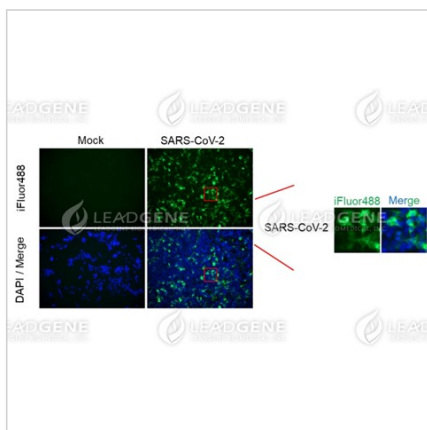
Stability & Storage

This product is stable after storage at:

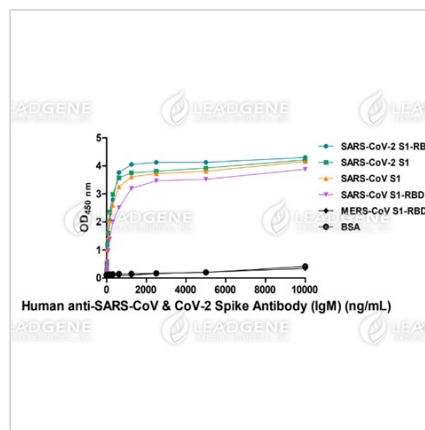
- 2-8°C for 6 months under sterile conditions from date of receipt.

Briefly centrifuge vials before opening.

Image



Immunofluorescence analysis of Human anti-SARS-CoV & CoV-2 Spike Antibody (IgM) (1:500)



ELISA titration of Human anti-SARS-CoV & CoV-2 Spike Antibody (IgM)

Disclaimer : For Research Use or Further Manufacturing Only.

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