

SARS-CoV-2

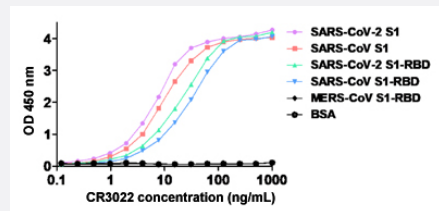
RecomAb™

SARS-CoV/SARS-CoV-2 S recombinant human antibody, clone CR3022

Catalog # RAB01043

Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA assay of this antibody to SARS-CoV-2 S1, SARS-CoV S1, SARS-CoV-2 S1-RBD, SARS-CoV S1-RBD, MERS-CoV S1-RBD and BSA (BSA: negative control).

Specification

Product Description	Human recombinant monoclonal antibody raised against SARS-CoV/SARS-CoV-2 S.
Antibody Species	Human
Source / Expression System	293
Reactivity	SARS-CoV, SARS-CoV-2
Specificity	This antibody 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.
Form	Liquid
Purification	Protein A purification
Purity	> 98% (SDS-PAGE)
Isotype	IgG1

Recommend Usage

Crystallography
ELISA (1:5000-1:20000)
Neutralization
Surface Plasmon Resonance
The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS, pH 7.4

Storage Instruction

Store at 4°C for at least 6 months. For long term storage, store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

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- Neutralization

- Crystallography

- Surface Plasmon Resonance