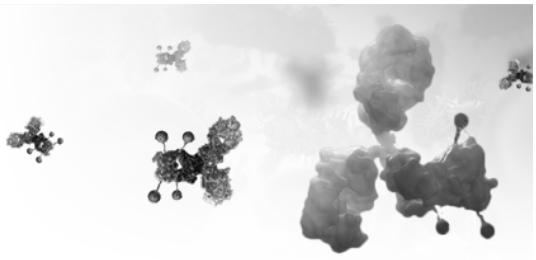

Human Anti-SARS-CoV (CR3022) Monoclonal antibody, clone CR3022 (CABT-CS363)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	SARS-CoV-2 spike glycoprotein
Target	SARS-CoV-2 spike glycoprotein
Isotype	IgG1
Source/Host	Human
Species Reactivity	SARS-CoV-2
Clone	CR3022
Purification	Purified from cell culture supernatant by affinity chromatography
Conjugate	unconjugated
Applications	ELISA, FC
Reconstitution	Reconstitute with deionized water
Format	Powder
Size	50 µg, 100 µg
Buffer	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative	0.1% Procline 300
Storage	Store at -20°C (Avoid repeated freezing and thawing)

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BACKGROUND

Introduction	The CoV Spike (S) protein plays the most important roles in viral attachment, fusion and entry, and serves as a target for development of antibodies, entry inhibitors and vaccines. Of note is the Spike protein receptor-binding domain (RBD, S-RBD) in SARS-CoV-2 Spike protein which binds strongly to human and bat angiotensin-converting enzyme 2 (ACE2) receptors.
Keywords	S protein RBD; Spike glycoprotein Receptor-binding domain; S glycoprotein RBD; Spike protein RBD

GENE INFORMATION

Entrez Gene ID	43740568

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