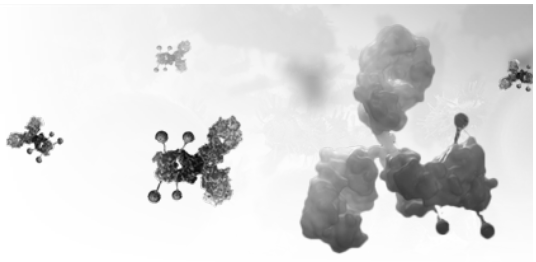

Human Anti-SARS-CoV-2 Spike NTD Monoclonal antibody, clone 3257 (CABT-CS084)

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

PRODUCT INFORMATION

Specificity	Recognize an epitope on SARS-CoV2 Spike Protein NTD subdomain. Furthermore,it does not cross react with the receptor-binding domain (RBD) region of the S1 protein or the original SARS-CoV virus.
Target	SARS-CoV-2 Spike NTD
Immunogen	Sequenced from human survivors of COVID-19 (SARS-CoV-2)
Isotype	IgG1
Source/Host	Humanized
Species Reactivity	SARS-CoV-2
Clone	3257
Purification	>95% by SDS Page
Conjugate	unconjugated
Applications	ELISA, IHC
Format	Liquid
Size	100 µg, 500 µg
Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2 - 7.4, 150 mM NaCl
Preservative	None

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Storage	This monoclonal antibody is stable for at least one month when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at –20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

BACKGROUND

Introduction	The Coronavirus (CoV) disease 2019 (COVID-19) is caused by severe acute respiratory syndrome (SARS)-CoV-2 (also known as 2019-nCoV). The SARS-CoV2 Spike Protein consists of the S1 and S2 domains. The S1 can be further divided into an N-terminal domain (NTD) and a C-terminal domain (CTD), both of which can function as a receptor-binding entity. Vaccine and therapeutic development are targeting portions of the spike protein, including the NTD portion.
Keywords	SARS-CoV-2 Spike NTD; SARS-CoV-2; SARS-CoV-2 S1 NTD; SARS-CoV-2 S1; SARS-CoV-2 NTD

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