



Human Anti-SARS-CoV-2 N+S-RBD Monoclonal antibody, clone COTHN12 (CABT-CS067)

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

PRODUCT INFORMATION

Specificity	Reacting with the N-ter of NP and the RBD domain of the SARS-CoV-2 S protein.
Target	SARS-CoV-2 N+S-RBD
Isotype	IgG, IgM
Source/Host	Humanized
Species Reactivity	SARS-CoV-2
Clone	COTHN12
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Concentration	lot specific
Size	1 ml
Buffer	PBS, 0.5% sucrose, 0.02% ProClin 300, 0.1% BSA
Preservative	None
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction

SARS-CoV-2 is the virus responsible for COVID-19. It was previously known as 2019 Novel coronavirus (2019-nCov), is a positive-sense single-stranded RNA virus. SARS-CoV-2 has close genetic similarity to bat coronaviruses, from which it likely originated. An intermediate animal reservoir such as a pangolin is also thought to be involved in its introduction to humans. From a taxonomic perspective, SARS-CoV-2 is classified as a strain of the species severe acute respiratory syndrome-related coronavirus (SARSr-CoV).

Keywords

SARS-CoV-2; SARS-CoV-2 N; SARS-CoV-2 S1; SARS-CoV-2 RBD; SARS-CoV-2 positive control