



Human Anti-SARS-CoV-2 Nucleoprotein Monoclonal antibody, clone TMOPO (CABT- CS051)

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

PRODUCT INFORMATION

Specificity	Recognizes the N proteins from both SARS-CoV-2
Target	SARS-CoV-2 Nucleocapsid Protein
Isotype	IgG
Source/Host	Human
Species Reactivity	SARS-CoV-2
Clone	TMOPO
Purification	> 95% based on SDS–PAGE
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	100 µg
Buffer	PBS
Preservative	None
Storage	Store the product at -20°C . Product is stable for about 8 weeks at 2-8°C as an undiluted liquid. Prepare working dilution fresh each day. Avoid repeated freezing and thawing.

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; coronavirus; SARS-CoV-2 NP; SARS-CoV-2 Nucleocapsid Protein