



Human Anti-SARS-CoV-2 Nucleoprotein Monoclonal antibody, clone 2155 (CABT-CS827)

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

PRODUCT INFORMATION

Specificity	This antibody recognizes human SARS Coronavirus Nucleocapsid protein (NP).
Target	SARS-CoV-2 NP
Isotype	IgM
Source/Host	Humanized
Species Reactivity	SARS-CoV, SARS-CoV-2
Clone	2155
Purification	Affinity purification
Conjugate	unconjugated
Applications	ELISA, WB, IF, FC
Format	Liquid
Size	50 µg
Buffer	PBS, pH 7.4
Preservative	None
Storage	Store at 4°C for at least 6 months. For long term storage, store at -20°C. Aliquot to 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 (SARS-CoV).

Keywords

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