



Rabbit Anti-SARS-CoV-2 Membrane (IN) Polyclonal antibody (CABT-CS147)

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

PRODUCT INFORMATION

Specificity	SARS-CoV-2 Membrane Protein
Target	SARS-CoV-2 Membrane Protein
Immunogen	Synthetic peptide located within the center of SARS-CoV-2 (COVID-19) Membrane.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	SARS-CoV-2
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Conjugate	unconjugated
Applications	ELISA, WB
Format	Liquid
Size	100 µg
Buffer	PBS with 10% glycerol, pH7.2
Preservative	0.02% sodium azide
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

BACKGROUND

Introduction

The M protein (Membrane protein, Matrix protein) is one of the major structural viral proteins. It is an integral membrane protein involved in the budding of the viral particles and interacts with S (Spike) protein and the nucleocapsid protein. Coronaviruses have four important viral genes with different structural proteins: a spike glycoprotein (S), a small envelope protein (E), a matrix glycoprotein (M), and a nucleocapsid protein (N).

Keywords

SARS-CoV-2; SARS-CoV-2 Membrane Protein; SARS-CoV-2 Matrix Protein; SARS-CoV-2 M; SARS-CoV-2 M Protein