



Rabbit Anti-SARS-CoV-2 Membrane Polyclonal antibody (CABT-CS146)

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

PRODUCT INFORMATION

Specificity	SARS-CoV-2/SARS-CoV Membrane Protein
Target	SARS-CoV-2/SARS-CoV Membrane Protein
Immunogen	Synthetic peptide corresponding to 15 amino acids near the carboxy-terminus of SARS-CoV Matrix protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	SARS-CoV-2, SARS
Purification	Affinity chromatography purified via peptide column.
Conjugate	unconjugated
Applications	ELISA, WB
Format	Liquid
Size	20 µg, 100 µg
Buffer	PBS
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; SARS-CoV-2 Membrane Protein; SARS-CoV Matrix Protein; SARS-CoV-2 Matrix Protein; SARS-CoV Membrane Protein; SARS-CoV-2 M; SARS-CoV M; SARS-CoV-2 M Protein; SARS-CoV M Protein