



Mouse Anti-HCoV-NL63 Spike Monoclonal Antibody, Clone 34 (CABT-CS747)

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

PRODUCT INFORMATION

Specificity	Has cross-reactivity in ELISA and WB with HCoV-229E Spike S1+S2 ECD-His, HCoV-NL63 Spike S1+S2 ECD-His
Target	HCoV-NL63 Spike
Isotype	IgG 1
Source/Host	Mouse
Species Reactivity	HCoV-NL63, HCoV-229E
Clone	34
Purification	Protein A
Conjugate	unconjugated
Applications	WB, ELISA
Format	Liquid
Size	100 µl
Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction

The spike (S) glycoprotein of coronaviruses contains protrusions that will only bind to certain receptors on the host cell: they are essential for both host specificity and viral infectivity. The term 'peplomer' is typically used to refer to a grouping of heterologous proteins on the virus surface that function together. The spike (S) glycoprotein of coronaviruses is known to be essential in the binding of the virus to the host cell at the advent of the infection process.

Keywords

HCoV-NL63; HCoV NL63; NL63;NL63 Spike Protein; NL63 S Protein; NL63 Spike