



# SARS-COV-2 Spike Protein S2 Rabbit pAb

Cat No.:ES20861

For research use only

## Overview

<b>Product Name</b>	SARS-COV-2 Spike Protein S2 Rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB
<b>Species Cross-Reactivity</b>	Human virus
<b>Recommended dilutions</b>	WB 1:1000-2000
<b>Immunogen</b>	Synthesized peptide derived from SARS-COV-2 Spike Protein S2
<b>Specificity</b>	This antibody detects endogenous levels of SARS-COV-2 Spike Protein S2
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	SARS-COV-2 Spike Protein S2
<b>Gene Name</b>	SARS-COV-2 Spike Protein S2
<b>Cellular localization</b>	
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	
<b>Human Swiss-Prot Number</b>	PODTC2
<b>Alternative Names</b>	YM33058
<b>Background</b>	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. Most notable is severe acute respiratory syndrome (SARS). The severe acute respiratory syndrome-coronavirus (SARS-CoV) spike (S) glycoprotein alone can mediate the membrane fusion required for virus entry and cell fusion. It is also a major immunogen and a target for entry inhibitors. It's been reported that





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2019-nCoV can infect the human respiratory epithelial cells through interaction with the human ACE2 receptor.

Western blot analysis of recombinant SARS-CoV-2 Spike Protein using Rabbit pAb diluted at 1:5,000.



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