

## SARS-COV-2 Spike Protein S2 Rabbit pAb

Cat No.: ES20861

For research use only

## Overview

Product Name SARS-COV-2 Spike Protein S2 Rabbit pAb

Host species Rabbit
Applications WB

**Species Cross-Reactivity** Human virus Recommended dilutions WB 1:1000-2000

Immunogen Synthesized peptide derived from SARS-COV-2 Spike

Protein S2

**Specificity** This antibody detects endogenous levels of

SARS-COV-2 Spike Protein S2

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein NameSARS-COV-2 Spike Protein S2Gene NameSARS-COV-2 Spike Protein S2

**Cellular localization** 

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band Human Gene ID

Human Swiss-Prot Number PODTC2
Alternative Names YM33058

**Background** The spike (S) glycoprotein of coronaviruses is known

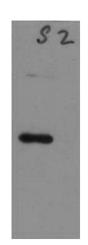
to be essential in the binding of the virus to the host cell at the advent of the infection process. Most notable is severe acute respiratory syndrome (SARS). The severe acute respiratory syndrome-coronavirus (SARS-CoV) spike (S) glycoprotein alone can mediate the membrane fusion required for virus entry 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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