SARS-CoV-2 Spike Protein Mouse Monoclonal Antibody(S1-4H8)

Catalog	TDY1028C	TDY1028F	Tel：010-80117836
			Web：www.tdybio.com
Quantity	50μL	100μL	Entrez-Gene ID#43740568 , Swiss-Prot Acc.#P0DTC2

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	**Virus**		**IgG1**

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% ***sodium azide*** as Preservativeand 50% Glycerol. Store at ***-20°C. Do not aliquot the antibody.***

Recommended dilutions:**WB: 1:10,000-20,000**

Optimal dilutions should be determined by the end user.

Specificity:Antibody can detects recombinant and endogenous SARS-CoV-2 Spike proteins.

Alternative Names:S protein,Spike Glycoprotein

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 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（TDY1028）Mouse mAb diluted at 1:20,000.