



SARS-COV-2 Spike Protein mouse mAb

Catalog No	YP-mAb-10309
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SARS-COV-2 Spike Protein
Immunogen	Synthesized peptide derived from SARS-COV-2 Spike Protein
Specificity	This antibody detects endogenous levels of SARS-COV-2 Spike Protein
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.16% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	COVID-19 RBD;RBD;Spike;spike protein;S protein;SARS-COV-2 Spike;SARS-COV-2 Spike Protein;YM33056
Observed Band	
Calculated Molecular Weight	141kD
Cell Pathway	
Tissue Specificity	
Function	
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.



matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using SARS-COV-2 Spike Protein mouse mAb