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SARS-COV-2 Spike RBD(Omicron) Protein pAb

货号: AYP23757

产品信息

反应	SARS-CoV-2
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:1000 - 1:5000
理论分子量	
实测分子量	35-40kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T
细胞定位	Virion membrane
纯化	Affinity purification

抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 319-541 of coronavirus SARS-COV-2 Spike RBD(Omicron) Protein (P0DTC2).

靶点信息

研究背景	The spike (S) glycoprotein of coronaviruses contains protrusions that will only bind to certain receptors on the host cell. The spike is essential for both host specificity and viral infectivity. 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 i nfection process. It''s been reported that SARS-CoV-2 (COVID-19 coronavirus, 2019-nCoV) can infect the h uman respiratory epithelial cells through interaction with the human ACE2 receptor. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. The main fu nctions for the Spike protein are summarized as: Mediate receptor binding and membrane fusion; Defines the range of the hosts and specificity of the virus; Main component to bind with the neutralizing antibody; Key target for vaccine design; Can be transmitted between different hosts through gene recombination or mutation of the receptor binding domain (RBD), leading to a higher mortality rate.
基因ID	43740568
基因名	S
Swiss	P0DTC2 (https://www.uniprot.org/uniprotkb/P0DTC2/entry)
别名	SARS-COV-2 Spike RBD(Omicron) Protein pAb,S,E2,Peplomer protein,Spike RBD

产品验证

实验步骤

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