

## S-ECD/RBD monoclonal antibody (3)

Catalog: HMB003-Y

Host: Human

Reactivity: COVID-19

### BackGround:

Fully humanized monoclonal antibody paired with human monoclonal antibody

LOCUS:QHD43416 1273aa linear VRL 18-MAR-2020

DEFINITION: S-ECD/RBD protein [Severe acute respiratory syndrome coronavirus 2]

ACCESSION:QHD43416

VERSION:QHD43416.1

DBSOURCE:accession MN908947.3

SOURCE:Severe acute respiratory syndrome coronavirus 2 (SARS-CoV2)

ORGANISM:Viruses; Riboviria; Nidovirales; Coronaviridae; Orthocoronavirinae; Betacoronavirus; Sarbecovirus.

### Product:

1mg/ml in PBS with 0.02% sodium azide,pH7.2

### Size:

100ug/1mg

### Swiss-Prot:

QHD43416.1

### Purification&Purity:

The antibody was purified from 293f recombinant protein and the purity is > 95% (by SDS-PAGE).

### Applications:

ELISA: ECD-1:80000;RBD-1:40000

WB: 1:4000~5000

Neutralization

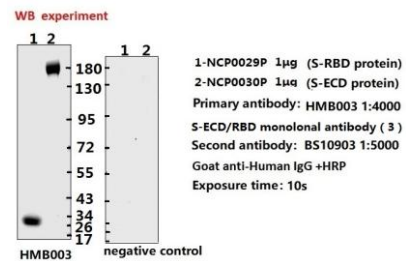
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

S-ECD/RBD mAb detects endogenous levels of S-ECD/RBD protein.

### DATA:



**ELISA experiment**

	1	2	
A	2.005	2.55	1:1000
B	1.846	2.453	1:10000
C	1.651	2.292	1:100000
D	1.325	1.858	1:1000000
E	0.976	1.385	1:10000000
F	0.668	0.951	1:100000000
G	0.34	0.541	1:1000000000
H	0.167	0.113	Blank control

NCP0029P NCP0030P

1.Coating original concentration: 2ug/ml,100ul/hole sample is S-RBD protein (NCP0029P) and S-ECD protein (NCP0030P)  
2.Primary antibody: HMB003 S-ECD/RBD monoclonal antibody (3)  
3.Second antibody: BS10903 Goat anti-Human IgG +HRP 1:10000  
4.Develop :15min 100ul/hole  
5.Stop stop buffer: 50ul/hole  
6.ELISA result are shown in the figure

### Note:

For research use only, not for use in diagnostic procedure.

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