

Anti-CoV Spike glycoprotein antibody



Catalog Number: 104472

Product name

Anti-CoV Spike glycoprotein antibody

Immunogen

[MERS-CoV CoV Spike glycoprotein \(aa 1-1297, His Tag\)](#)

Specificity

The antibody reacts with MERS-CoV (NCoV / Novel coronavirus) full-length Spike protein (S protein).

Antibody description

Rabbit polyclonal to CoV Spike glycoprotein

Preparation

Produced in rabbits immunized with purified, recombinant MERS-CoV (NCoV / Novel coronavirus) Spike Protein (AFS88936.1; Met1-Trp1297). Spike Protein specific IgG was purified by MERS-CoV (NCoV / Novel coronavirus) Spike Protein affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It

is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IHC, IF, IP

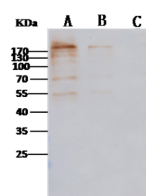
Dilutions

WB: 0.5-1 µg/mL

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect MERS-CoV (NCoV / Novel coronavirus) Spike Protein (ECD, aa 1-1297) in ELISA.

Validations



Items	Lanes	A	B	C
Sample (Protein)	HCoV-EMC/2012 Spike protein (ECD, aa 1-1297)			
Sample Volume (µg/lane)		5	1	0.2
Gel	13% SDS-PAGE reducing gel			
Recommended Concentration	0.5-1 µg/ml			
Secondary Antibody	Goat anti Rabbit IgG (H+L)HRP, 0.4 µg/ml			

Anti-Novel coronavirus (HCoV-EMC/2012) Spike Protein Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot