

Anti-CoV Spike glycoprotein antibody



Catalog Number: 105090

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).

Has cross-reactivity in ELISA with MERS-CoV Spike Protein (aa 1-1297, 503176); MERS-CoV Spike Protein S1 (aa 1-725, 5031761); MERS-CoV Spike Protein RBD (aa 367-606, 504033)

No cross-reactivity in ELISA with MERS-CoV Spike Protein S2 (aa 726-1296, 502466)

Antibody description

Rabbit monoclonal to CoV Spike glycoprotein

Preparation

This antibody was obtained from a rabbit immunized with purified, recombinant recombinant MERS-CoV (NCoV / Novel coronavirus) Spike Protein (AFS88936.1; Met1-Trp1297).

Formulation

0.2 µm filtered solution in PBS

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

Monoclonal

Ig Type

Rabbit IgG

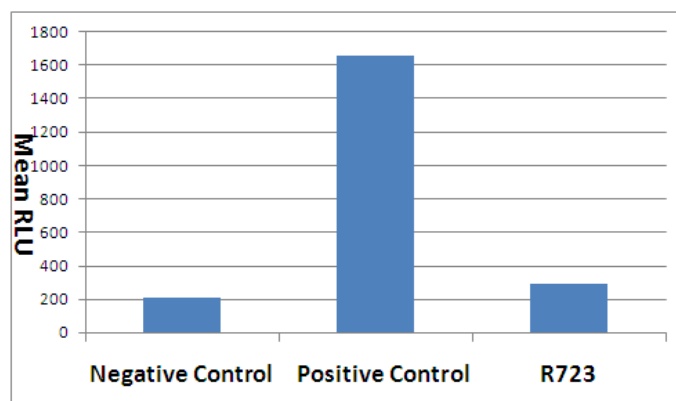
Applications

MN

Dilutions

MN(Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)

Validations



MERS-CoV (HCoV-EMC/2012) Spike Protein Antibody, Rabbit Mab, Neutralization

Neutralization of MERS-CoV pseudovirus by R723.
Positive Control:293T/DPP4 cells were infected with MERS-CoV pseudovirus;
Negative Control:293T/DPP4 cells without MERS-CoV pseudovirus;
R723: MERS-CoV pseudovirus infection in 293T/DPP4 cells was inhibited by R723.