



SARS-M Mouse Monoclonal Antibody

E10-20019

Background: SARS (severe acute respiratory syndrome) is caused by a human coronavirus. Human coronaviruses are the major cause of upper respiratory tract illness, such as the common cold, in humans. Coronaviruses are positive-stranded RNA viruses, featuring the largest viral RNA genomes known to date (27-31 kb). The complete sequence of the SARS virus release the coronavirus contains 25 open reading frames. SARS-m is a membrane (M) protein which plays a the key player in virion assembly. One of its functions is to mediate the incorporation of the spikes into the viral envelope.

Catalog Number: E10-20019

Amount: 100µg/100µl

Clone Number: 2H2C4

Species: Mouse IgG1

Immunogen: Purified recombinant fragment of SARS-m protein expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C

Formulation: Purified antibody in PBS containing 0.03% sodium azide.

Species Reactivities: Human coronavirus

Tested Applications: WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB: 1/500 - 1/2000, ELISA. Propose dilution 1/10000.

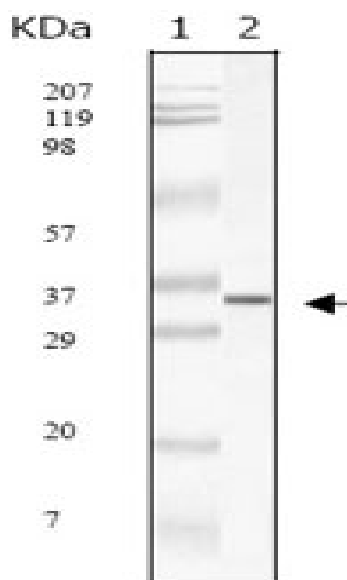


Figure 1. Western blot analysis using SARS-mpm mouse mAb against SARS-mpm recombinant protein.

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