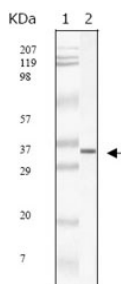




Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to SARS-M

Catalog Number: MAB-606020019



Lot#: 0401
Clone#: 2H2C4
Host and isotype: Mouse IgG1
Size: 1 ml
MW:
Aliases:
Entrez Gene:
Species reactivity: human
coronavirus

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

Description

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.

Immunogen

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

Application

Western Blotting: 1/500 - 1/2000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

Formulation

Subclonal supernatant.

Storage

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

Related product

References

1. Fournel S, Cell Immunol 1993 Aug; 150(1):194-204.
2. J. Virol., Sep 1999; 73: 7441 - 7452.

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