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SARS-M Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO1019a

Specification

SARS-M Antibody - Product Information

Application	**WB**
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**

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.

Formulation
Subclonal supernatant.

SARS-M Antibody - Additional Information

Dilution
WB~~1/500 - 1/2000

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SARS-M Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SARS-M Antibody - Protein Information

SARS-M Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot

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- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SARS-M Antibody - Images

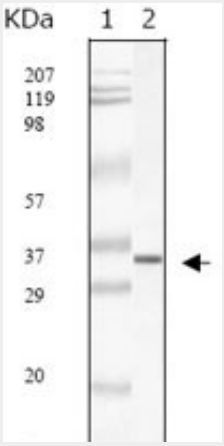

Figure 1: Western blot analysis using SARS-mpm mouse mAb against SARS-mpm recombinant protein.

SARS-M Antibody - References

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