

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](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SARS-M Antibody - Images

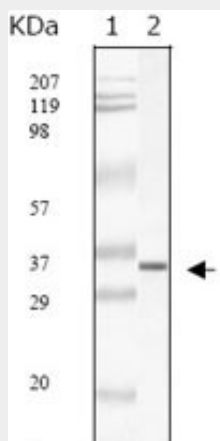


Figure 1: Western blot analysis using SARS-Mpm mouse mAb against SARS-Mpm recombinant protein.

SARS-M Antibody - References

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