

# SARS-M Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO1019a

## Product Information

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| <b>Application</b> | WB, E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity</b>  | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Host</b>        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Clonality</b>   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Clone Names</b> | 2H2C4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>     | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b> | 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. |
| <b>Immunogen</b>   | Purified recombinant fragment of SARS-m protein expressed in E. Coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Formulation</b> | Subclonal supernatant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Additional Information

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| <b>Dilution</b>    | WB~~1/500 - 1/2000 E~~N/A                                                                                                                |
| <b>Storage</b>     | 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. |
| <b>Precautions</b> | SARS-M Antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                        |

## References

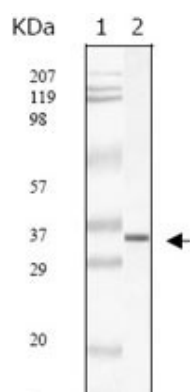
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1. Fournel S, Cell Immunol 1993 Aug; 150(1):194-204.
2. J. Virol., Sep 1999; 73: 7441 - 7452.

## Images

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



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.