10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SARS-E2 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO1018a

Specification

SARS-E2 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-E2 glycoprotein precursor is a 139-kDa glycoprotein. It contains a superantigen between residues 690 through 1050 which has relationship to T-cell Receptor alpha-beta V chain protein.

Immunogen
Purified recombinant fragment of SARS-E2 glycoprotein precursor expressed in E. Coli.

Formulation
Subclonal supernatant.

SARS-E2 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-E2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SARS-E2 Antibody - Protein Information

SARS-E2 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-E2 Antibody - Images

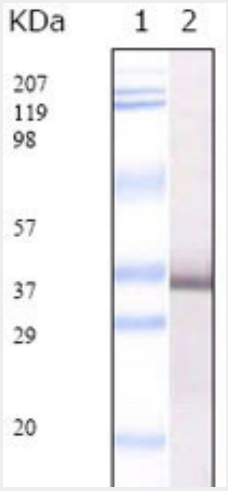

Figure 1: Western blot analysis using SARS-E2GP3 mouse mAb against SARS-E2GP3 recombinant protein.

SARS-E2 Antibody - References

1. Fournel S, Cell Immunol 1993 Aug; 150(1):194-204. 2. Marcinkiewicz J Przegl Lek 1998;55(11):611-3.