

Datasheet for ABIN3210015  
**anti-SARS-CoV E2 Glycoprotein antibody**



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1 Image

## Overview

Quantity:	100 µL
Target:	SARS-CoV E2 Glycoprotein (SARS-CoV E2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SARS-CoV E2 Glycoprotein antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Immunogen:	SARS E2 antibody was raised in Mouse using a purified recombinant fragment of SARS-E2 glycoprotein precursor expressed in E. coli as the immunogen.
Clone:	4A6C9
Isotype:	IgG1

## Target Details

Target:	SARS-CoV E2 Glycoprotein (SARS-CoV E2)
Alternative Name:	SARS E2 ( <a href="#">SARS-CoV E2 Products</a> )
Target Type:	Viral Protein
Background:	SARS 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

## Target Details

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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. Synonyms: Monoclonal SARS E2 antibody, Anti-SARS E2 antibody, SARS-E2 antibody, Severe Acute Respiratory Syndrome E2 antibody.

## Application Details

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Application Notes: ELISA: 1:10,000, WB: 1:500-1:2000  
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: Lot specific

Buffer: Supplied as a liquid in ascitic fluid containing 0.03 % sodium azide.

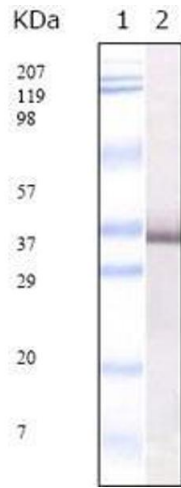
Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Store at -20 °C for long term storage.



### Western Blotting

**Image 1.** Western Blot showing SARS-E2GP3 antibody used against SARS-E2GP3 recombinant protein.