



# SARS-COV-2 Spike Protein Mouse mAb(6C7)

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-21060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity         | Human virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Applications       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Name          | SARS-COV-2 Spike Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Protein Name       | SARS-COV-2 Spike Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen          | Synthesized peptide derived from SARS-COV-2 Spike Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity        | This antibody detects endogenous levels of SARS-COV-2 Spike Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.22% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Source             | Monoclonal, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purification       | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Dilution           | WB 1:1000-2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Synonyms           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Observed Band      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cell Pathway       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Tissue Specificity |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Function           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Background         | The spike (S) glycoprotein of coronaviruses is known to be essential in the binding of the virus to the host cell at the advent of the infection process. Most notable is severe acute respiratory syndrome (SARS). The severe acute respiratory syndrome-coronavirus (SARS-CoV) spike (S) glycoprotein alone can mediate the membrane fusion required for virus entry and cell fusion. It is also a major immunogen and a target for entry inhibitors. It's been reported that 2019-nCoV can infect the human respiratory epithelial cells through interaction with the human ACE2 receptor. |

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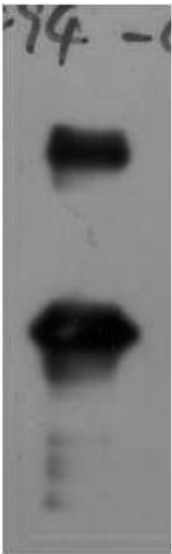
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of recombinant SARS-CoV-2 Spike Protein using Mouse mAb diluted at 1:20,000.

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