

32-5907: Mouse Anti SARS Spike

Clonality : Monoclonal

Gene : S

Uniprot ID : P59594

Format : Purified

Description

SARS Coronavirus is an enveloped virus containing three outer structural proteins, namely the membrane (M), envelope (E), and spike (S) proteins. Spike (S)-glycoprotein of the virus interacts with a cellular receptor and mediates membrane fusion to allow viral entry into susceptible target cells. Accordingly, S-protein plays an important role in virus infection cycle and is the primary target of neutralizing antibodies.

Product Info

Amount : 200 µg

Content : 100 ug in 200 ul PBS containing 0.2% gelatin and 0.05% sodium azide.

Storage condition : Store at 4C, stable for 6 months. For long-term storage, store at -20C.

Application Note

This monoclonal antibody can be used for detection of SARS Spike protein in western blot analysis at 1-3 ug/ml. The antibody was tested on a cell line transfected with full-length cDNA coding for the SARS Spike protein with a predicted molecular weight of 139 kDa.