



Influenza B virus Nucleoprotein Mouse Monoclonal Antibody

E10-20171

Background: Influenza A and B are the two types of influenza viruses that cause epidemic human disease. Influenza B viruses currently circulating are divided into two antigenically and genetically distinct groups: the Victoria and Yamagata lineages. Influenza virus B is a genus in the virus family Orthomyxoviridae. A limited host range means that Influenza virus B pandemics are rare. The nucleoprotein protects the negative strand viral RNA from nucleases by encapsidating it. encapsidated genomic RNA is termed the ribonucleoprotein (RNP) and serves as template for transcription and replication.

Catalog Number: E10-20171

Amount: 100µg/100µl

Clone Number: 1A2A11

Species: Mouse IgG2b

Immunogen: Purified recombinant fragment of Influenza B virus Nucleoprotein (stain:B/Lee/40) expressed in E. Coli.

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

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Stain:B/Lee/40

Tested Applications: WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB: 1/500 - 1/2000. ELISA: Propose dilution 1/10000.

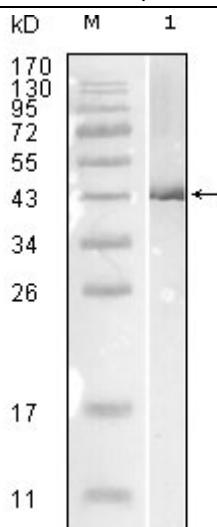


Figure 1: Western blot analysis using Influenza B virus Nucleoprotein mouse mAb against full-length recombinant Influenza B virus Nucleoprotein.

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