

Anti-Influenza B Virus Mouse IgG2a Capture Antibody

03/20

CATALOG NO.: A2084-100 (100 µg)

BACKGROUND DESCRIPTION: Influenza viruses are enveloped, negative sense single stranded RNA viruses. These viruses belong to the family of *Orthomyxoviridae*. There are 4 types of Influenza viruses: A, B, C and Thogotovirus, of which, type A & B are clinically relevant to humans. Influenza B virus is similar in structure to Influenza A virus, however, there exist a few differences between the A and B virus. Unlike the A virus, the B virus is not divided into subtypes. In fact, B virus has only two distinct genetic lineages in humans: Victoria and Yamagata lineage. Influenza B virus encodes two distinct genes: glycoprotein NB and BM2, and the translated proteins have very little sequence identity to Virus A proteins. Additionally, Influenza B virus is known to infect only humans, as opposed to A virus, which infects both animals and humans.

ANTIBODY TYPE: Monoclonal

HOST/ISOTYPE: Mouse/IgG2a

IMMUNOGEN: Inactivated Influenza B Virus

PURIFICATION: Protein A purified

FORM: Liquid

FORMULATION: In 10 mM PBS, pH 7.4, 0.05% sodium azide

SPECIFICITY: Influenza B Virus Nucleoprotein

CROSS-REACTIVITY: No reactivity with Influenza A, Adenovirus, and RSV

STORAGE CONDITIONS: Store at 2-8°C. Avoid freeze/thaw cycles

APPLICATIONS AND USAGE: Lateral Flow

Note: This product is not for diagnostic purposes. It is the sole responsibility of the user to assume care, control and custody of the material, and ensure appropriate disposal, as per all regulations.

RELATED PRODUCTS:

Anti-SARS-CoV-2 Antibody (Clone# 6F10) (A2060)
 Anti-SARS-CoV-2 Antibody (A2061)
 Anti-CoV-2, MERS & SARS-CoV NP Mouse IgG1 Antibody (A2063)
 Anti-MERS-CoV S1 Mouse IgG1 Antibody (A2065)

FOR RESEARCH USE ONLY! Not to be used on humans.