
Influenza B Virus (1B6/B3) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250345

Unit: 0.2 mg

Description:

Influenza viruses are common and highly infectious human pathogens. They are constantly mutating to modify their antigenicity and avoid elimination by immunity to previous generations of virus. The nucleoprotein of influenza B virus is a basic, phosphorylated multimeric protein consisting of 560 aa subunits that encapsidate the viral RNA genome to form a ribonucleoprotein particle. This antibody reacts with influenza B virus nucleoprotein in immunoblotting. The antibody does not cross-react with influenza A virus.

Isotype: Mouse IgG2a/k

Applications: E, WB

Species Reactivity: IFB, Vs

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Nucleocapsid protein; Protein N;

Accession No.: O36433

Antigen: Unpurified influenza B virus (B/Lee/40) for primary intranasal immunization, boosted intravenously with purified influenza B virus disrupted with Triton X-100 for 40 min at 37°C (2).

Application Notes: Biotinylated Product Cat. No. 250345 is used as detecting antibody in combination with Product Cat. No. 250344 or Products Cat. No. 250343/250344 as capture antibody in sandwich ELISA for influenza B virus. Product Cat. No. 250345 reacts with influenza B infected, acetone-fixed Vero in immunofluorescence cytochemistry. E: 1:1,000; WB: 1:40

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.