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SM1749P OriGene EU

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Monoclonal Antibody to Influenza B (Nucleoprotein) -**Purified** SM1749P **Catalog No.: Quantity:** 1 mg 1.0 mg/ml **Concentration: Background:** The influenza viruses, classified as type A, B and C, are members of the Orthomyxoviridae family which differ in their epidemiology and host ranges and lack serological crossreactivity of their internal components, especially their matrix proteins and nucleoprotein. Influenza B virus is a slow-mutating single stranded RNA virus subject to antigenic drift which, although enough to prevent lasting immunity, prevents influenza B from causing pandemics. Host / Isotype: Mouse / IgG2b Recommended SM12P, AM03110PU-N **Isotype Controls:** Clone: B017 Influenza B/Lee/40 and B/Singapore/-222/79 viruses. Spleen cells from immunised Immunogen: BALB/c mice were fused with cells of the P3 Ag8.653 mouse myeloma cell line. Format: State: Liquid purified IgG **Purification:** Affinity chromatography Buffer System: PBS, pH7.5 containing 0.09% Sodium Azide **Applications:** ELISA. Western Blot. Immunofluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. This antibody specifically recognises an epitope within the nucleoprotein of influenza B **Specificity:** virus. Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Storage: Avoid repeated freezing and thawing. Shelf life: one year from despatch. **General Readings:** 1. Walls HH, Harmon MW, Slagle JJ, Stocksdale C, Kendal AP. Characterization and evaluation of monoclonal antibodies developed for typing influenza A and influenza B

viruses. J Clin Microbiol. 1986 Feb;23(2):240-5. PubMed PMID: 3517049.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



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