

Product datasheet for **BM3149**

Influenza B (Nucleoprotein) Mouse Monoclonal Antibody [Clone ID: 1131]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1131
Applications:	ELISA, IF, LF
Recommended Dilution:	Immunochromatography (Lateral Flow). Functions in nuclear staining in IFA. Successful use in ELISA has been reported. Does not work in Western blot. <u>Recommended pairs for Sandwich Immunoassay:</u> Capture / Detection: AM00956PU-N / BM3149 AM00957PU-N / BM3149 AM00958PU-N / BM3149
Reactivity:	Influenza B Virus
Host:	Mouse
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Hong Kong strain.
Specificity:	Recognizes Influenza B virus. This antibody is specific for Influenza B nuclear protein.
Formulation:	0.01M PBS, pH 7.2, containing 0.09% Sodium Azide without stabilizing proteins State: Purified State: Liquid purified Ig fraction (> 90% pure).
Concentration:	lot specific
Purification:	Protein A Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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- 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 cross-reactivity 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.
- Synonyms:** Influenza B Virus