

## Product datasheet for **AM05450PU-N**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	1131
Applications:	IF, IHC
Recommended Dilution:	Immunohistochemistry on frozen sections. Immunofluorescence.
Reactivity:	Influenza B Virus
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Influenza B virus preparation
Specificity:	This antibody reacts to Influenza B. This antibody exhibits nuclear staining in immunofluorescence and is therefore thought to recognize a nuclear protein.
Formulation:	PBS containing 0.09% Sodium Azide (NaN <sub>3</sub> ) as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Influenza virus type B is a genus in the virus family <i>Orthomyxoviridae</i> , responsible for acute respiratory illnesses in humans. It varies antigenically from influenza virus types A and C and is not divided into any subtypes. The gradual evolution of Influenza virus type B occurs via a series of mutations known as antigenic drift, in the surface glycoprotein haemagglutinin (HA), enabling the virus to evade the immune system and potentially re-infect the same host. HA glycoproteins from the Influenza virus type B are included in the annually updated trivalent flu vaccine, along with the Influenza virus type A subtypes H3N2 and H1N1.



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**Synonyms:** Influenza B Virus