

Anti-influenza [3-10B] Standard Size Ab01104-21.0

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

This chimeric mouse antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgM, Lambda

Clone Number: 3-10B

Alternative Name(s) of Target: Influenza NP; Influenza B Nuclear Protein; Influenza Nuclear Protein

UniProt Accession Number of Target Protein: P04665

Published Application(s): neutralisation assays

Published Species Reactivity: Influenza B virus nucleoprotein (NP)

Immunogen: This human antibody to influenza nucleoprotein (NP) 2-8C was obtained from human subjects in compliance with good clinical practice guidelines and the Declaration of Helsinki.

Specificity: This antibody reacts with influenza B virus nucleoprotein (NP). Influenza A and B are the two types of influenza viruses that cause epidemic human disease. Influenza B viruses currently circulating are divided into two antigenically and genetically distinct groups: the Victoria and Yamagata lineages. Influenza virus B is a genus in the virus family Orthomyxoviridae. A limited host range means that Influenza virus B pandemics are rare. The nucleoprotein protects the negative strand viral RNA from nucleases by encapsidating it. Encapsidated genomic RNA is termed the ribonucleoprotein (RNP) and serves as template for transcription and replication.

Application Notes: This antibody binds to formalin fixed cells so is very useful for development of neutralisation assays. (NB: This work is yet to be published. The information is obtained via personal communication with the originator).

Antibody First Published in: Alain Townsend's Lab (University of Oxford) This work is yet to be published. The information is obtained via personal communication with the originator. This work is yet to be published. The information is obtained via personal communication with the originator. [PMID:This work is yet to be published. The information is obtained via personal communication with the originator.](#)

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Product Form

Size: 50 µg Purified antibody.

Purification: Affinity Purified using a recombinant lectin column

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.