

Anti-H3N2 antigen from influenza A virus [IF1A11] Bulk Size Ab00443-3.0-BT

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

Isotype and Format: Mouse IgG2b, Kappa

Clone Number: IF1A11

Alternative Name(s) of Target: Hemagglutinin; HA

UniProt Accession Number of Target Protein: P03437

Published Application(s): Blocking, WB, ELISA

Published Species Reactivity: Influenza A

Immunogen: RNA from peripheral blood lymphocytes of a healthy volunteer who had recovered from an Influenza A virus infection.

Specificity: The antibody binds to Influenza A H3N2 with a K_d of 3.6 nM.

Application Notes: The antibody binds to H3N2, which binds to sialic acid-containing receptor on the host cell surface leading to attachment and internalization of the virion. The antibody neutralizes the H3N2-receptor interaction.

Antibody First Published in: Shibuya et al. Identification of a human monoclonal Fab with neutralizing activity against H3N2 influenza A strain from a newly constructed human Fab library. Microbiology and Immunology 2008; 52(3):162-170 [PMID:18402598](#)

Note on publication: Describes the generation of a Fab library and a H3N2-neutralizing antibody.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.