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Antibody to Influenza-A Hemagglutinin H3N2
MOUSE MONOCLONAL

Catalog Number: AB-495
Quantity: 10 micrograms, 50 micrograms, 1 milligram
Format: PBS, pH 7.4 and 0.1% NaN₃
Host: Mouse
Isotype: IgG1
Clone: IA-H3N2
Immunogen: Influenza A hemagglutinin H3N2

Background:

H3N2 is a subtype of the influenza A virus. Its name derives from the forms of the two kinds of proteins on the surface of its coat, hemagglutinin (H) and neuraminidase (N). H3N2 exchanges genes for internal proteins with other influenza subtypes. H3N2 has tended to dominate in prevalence over H1N1 H1N2, and influenza B. The H3N2 strain descended from H2N2 by antigenic shift, in which genes from multiple subtypes re-assorted to form a new virus. Both the H2N2 and H3N2 strains contained genes from avian influenza viruses.

Specificity and Preparation:

Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with Influenza A/Shandong/9/93 H3N2 derived from allantoic fluid of 10 days old embryonated eggs. Purification method: Protein-A column.

Usage and Storage:

Reported to be effective for immunodetection in direct or indirect ELISA, and immunoblotting (western blot). Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. This antibody should be stored at 4°C. Antibody is shipped in liquid form with ice packs. This material is provided for LABORATORY RESEARCH USE ONLY.

To view protocol(s) for this and other products please visit: www.ATSBio.com/support/protocols