

Product datasheet for **AM00940PU-N**

Influenza A (Haemagglutinin H3) Mouse Monoclonal Antibody [Clone ID: B264M]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B264M
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot.
Reactivity:	Influenza A Virus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified Influenza A/Shangdong/9/93 (strain H3N2). Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice.
Specificity:	This antibody is specific to Influenza A Virus hemagglutinin 3 (H3). Reacts with Hemagglutinin of H3 serotype
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction (>90% pure by SDS-PAGE).
Concentration:	lot specific
Purification:	Protein A Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.



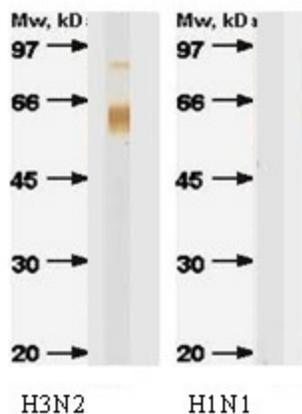
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Background:

Influenza A virus is a major public health threat. Novel influenza virus strains caused by genetic drift and viral recombination emerge periodically to which humans have little or no immunity, resulting in devastating pandemics. Influenza A can exist in a variety of animals; however it is in birds that all subtypes can be found. These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes. Hemagglutinin binds to sialic acid-containing receptors on the cell surface, bringing about the attachment of the virus particle to the cell. It plays a major role in the determination of host range restriction and virulence and is responsible for penetration of the virus into the cell cytoplasm by mediating the fusion of the membrane of the endocytosed virus particle with the endosomal membrane.

Synonyms:

Influenza A Virus, Seasonal Flu

Product images:

Western blot after PAGE in reducing conditions. Anti-mouse IgG:HRP conjugate used for visualization H1N1-Influenza A/New Caledonia/20/99, H3N2-Influenza A/Shangdong/9/93 (Cat#AM00940PU-N at 5g/ml).