

Product datasheet for **AM00936PU-N**

Influenza A (Haemagglutinin H1) Mouse Monoclonal Antibody [Clone ID: B217M]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B217M
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot. Detects H1 of Influenza A and recombinant H1 with high specificity. Does not crossreact with hemagglutinin H3.
Reactivity:	Influenza A Virus
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Influenza A/NewCaledonia/20/99 (strain H1N1). Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice.
Specificity:	This antibody reacts to Influenza A Virus hemagglutinin 1 (H1). Reacts with hemagglutinin of H1 serotype.
Formulation:	PBS, pH 7.4 containing 0,09% sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	>90% pure (SDS-PAGE). 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.

In natural infection, inactive HA is matured into HA1 and HA2 outside the cell by one or more trypsin-like, arginine-specific endoprotease secreted by the bronchial epithelial cells.

Synonyms:

Influenza A Virus, Seasonal Flu