

## Product datasheet for **AM00945PU-N**

### Influenza A H5N1 (Haemagglutinin) Mouse Monoclonal Antibody [Clone ID: B518M]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	B518M
Applications:	AGG, ELISA
Recommended Dilution:	<b>Hemagglutinin Inhibition (HI) test.</b> <b>Indirect ELISA.</b> <b>Dot Blot.</b>
Reactivity:	Virus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified Avian Influenza Virus Type A (H5N1). Hybridization of Sp 2/0 myeloma cells with spleen cells from Balb/c mice.
Specificity:	This antibody reacts with Hemagglutinin H5 in Hemagglutinin Inhibition (HI) test. Reacts with H5N1, H5N2 and H5N9 strains. Does <b>not</b> cross react with other hemagglutinin types (H1, H2, H3, H4, H6, H7, H8, H9, H10, H11, H12, H13, H14 and H15).
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified IgG fraction (≥ 95% pure by SDS-PAGE) Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.



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**Background:**

Influenza A belongs to the Orthomyxoviridae family, and is a negative sense single-stranded RNA virus which results in respiratory disease. Haemagglutinin is an antigenic glycoprotein which allows viral attachment and entry into the cell. Sixteen subtypes of haemagglutinin (H1-H16) have been described, of which H1, H2 and H3 infect humans. H5 and H7 normally result in avian disease, with some highly pathogenic H5N1 strains causing 100% mortality in poultry. H5N1 has in some cases mutated to infect humans, with 60% mortality. Haemagglutinin is one of the most medically relevant antigens on influenza as it is a target for antiviral drugs and antibodies.

**Synonyms:**

Avian Influenza A H5N1 H5 Hemagglutinin