

## Product datasheet for **AM01354PU-N**

### Influenza A (Haemagglutinin H5) Mouse Monoclonal Antibody [Clone ID: 15A6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	15A6
Applications:	ELISA
Recommended Dilution:	ELISA: This antibody may be used to detect Influenza H5N1 in ELISA assays in combination with AM01353PU-N as a capture reagent.
Reactivity:	Influenza A Virus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified avian influenza virus type A (H5N1). Spleen and lymph node cells from immunised Balb/C mice were fused with cells of the Sp2/0 myeloma cell line.
Specificity:	This antibody detects haemagglutinin H5 from the Influenza A virus H5N1.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
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:**

Influenza A Virus, Seasonal Flu