Anti-M2 (A/northern shoverl/Mississippi/11OS145/2011)(H7N9) Antibody

CATALOG NUMBER: IA-M2-C82, 100 µg

Introduction	The M2 protein (matrix protein 2) is a proton-selective ion channel protein, the third integral membrane protein, of the influenza A virus. The channel itself is a homotetramer that consists of four identical M2 units. With the N-terminal methionine removed, the remaining N-terminal 23-amino acid sequence of M2 is known as M2 ectodomain (M2e). M2e is highly conserved in both human and avian influenza A viruses. It is widely used as a promising candidate target for developing a valid and versatile vaccine against all strains of human influenza A virus.
Applications	Western blot (1:200-1:2000) and ELISA. May be used for other applications
Description	Rabbit polyclonal antibody
Immunogen	Synthesized 24-amino acid peptide, *MSLLTEVETPTRNGWECKCSDSSD*, the ectodomain of matrix protein 2 (M2e) of the influenza A (A/northern shoverl/Mississippi/11OS145/2011/H7N9) (GenBank accession# AGE08100) virus
Specificity	Reacts with the matrix protein 2 of influenza A viruses that contains the same ectodomain sequence
Purification	Immunoaffinity chromatography
Isotype	IgG
Storage	Store at -20 °C; Do not freeze and thaw. Stable for 3-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
Size	2 µg/µl in PBS with 0.1% sodium azide

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