

Rabbit Influenza A H1N1 Matrix protein 1/M1 Protein 1 Monoclonal Antibody | anti-M1 antibody

Influenza A H1N1 (A/Puerto Rico/8/34/Mount Sinai) Matrix protein 1/M1 Protein 1 Antibody, Rabbit MAb

CATALOG # AAA257033	HOST Rabbit	REACTIVITY H1N1	APPLICATIONS ELISA
-------------------------------	-----------------------	---------------------------	------------------------------

PRODUCT SYNONYMS

Influenza A H1N1 Matrix protein 1/M1 Protein 1; Monoclonal Antibody; Influenza A H1N1 (A/Puerto Rico/8/34/Mount Sinai) Matrix protein 1/M1 Protein 1 Antibody; Rabbit MAb; cholinergic receptor; muscarinic 1; anti-M1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	H1N1
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	111
Specificity	H1N1 (A/Puerto Rico/8/34/Mount Sinai) M1
Purity/Purification	Protein A
Form/Format	0.2um filtered solution in PBS
Applicable Applications for anti-M1 antibody	ELISA
Immunogen	Recombinant H1N1 (A/Puerto Rico/8/34/Mount Sinai) M1 protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Influenza A H1N1 (A/Puerto Rico/8/34/Mount Sinai) Matrix protein 1/M1 Protein 1.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-M1 antibody	The Influenza virus matrix protein 1 (M1) is a matrix protein of the influenza virus. M1 protein has been shown to play a crucial role in virus replication, assembly, and budding. It forms a coat inside the viral envelope. This is a bifunctional membrane/RNA-binding protein that mediates the encapsidation of RNA-nucleoprotein cores into the membrane envelope. M1 consists of two domains connected by a linker sequence. The N-terminal domain has a multi-helical structure. The C-terminal domain also contains an alpha-helical structure. The M1 protein is the most abundant structural protein in influenza A virus particles. M1 protein of the influenza A virus plays multiple roles in virion assembly and infection. M1 protein was a candidate antigen for a broad-spectrum influenza virus vaccine and the adjuvant chitosan significantly improved the efficacy of the M1 vaccine.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	8486123
-----------	---------

NCBI GeneID	956527
NCBI Accession #	NP_040978.1
NCBI GenBank Nucleotide #	NC_002016.1
UniProt Accession #	P03485; Q20N36; Q77HF4; A4GXH8
NCBI Official Full Name	matrix protein 1
NCBI Official Symbol	M1
NCBI Protein Information	M1
UniProt Protein Name	Matrix protein 1
UniProt Gene Name	M
UniProt Synonym Gene Names	M1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/influenza-a-h1n1-matrix-protein-1-m1-protein-1-antibody-clone-111-elisa/257033>