

## ARG10314 anti-Influenza A nucleoprotein antibody [F8]

Package: 100 µg, 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [F8] recognizes Influenza A nucleoprotein
Tested Reactivity	Influenza A
Tested Application	ELISA, ICC/IF
Specificity	No cross reactivity to NP of Influenza B virus.
Host	Mouse
Clonality	Monoclonal
Clone	F8
Isotype	IgG2a
Target Name	Influenza A nucleoprotein
Immunogen	purified influenza virus type A strain H1N1
Conjugation	Un-conjugated

### Application Instructions

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
------------------	--

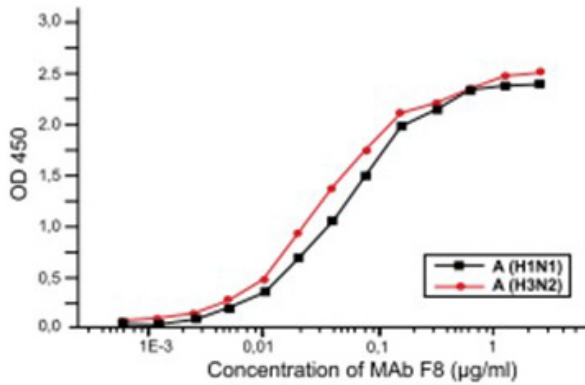
### Properties

Form	Liquid
Purification	Protein G affinity purified.
Buffer	PBS (pH 7.4) and 0.1% Sodium azide
Preservative	0.1% Sodium azide
Concentration	1.0-2.0 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Database links	<a href="#">GeneID: 3655111 Influenza A virus</a>
Gene Symbol	NP
Gene Full Name	nucleoprotein

## Images



ARG10314 anti-Influenza A nucleoprotein antibody [F8] ELISA image

ELISA: Specific activity of MAb F8 in ELISA with purified virus antigens A (H1N1) and A (H3N2). The investigation of F8 MAb specificity showed that it recognizes the conservative epitope expressed on the nucleoprotein, which is common for type A viruses with different antigenic structure and species origin. We investigated 25 strains of human and avian influenza virus A, isolated during different epidemics in the period from 1934 till 1993 and in all the cases specific reaction was observed. We investigated 265 samples of nasal washings from patients during influenza outbreaks in children's communities by the method of direct immunofluorescence. Sensitivity and specificity of the influenza virus A detection reached 60 % and 98.2 % respectively.