DATASHEET

Broad-Reactive Influenza Virus Mouse Monoclonal Antibody (HA_3A11)

CAT. NO. AXA0011

KEY FEATURES

Target	Broad-Reactive Influenza Virus	Source / Host	Mouse
Reactivity	HA2 Protein of H1, H3, H5, H7 and H9 Influenza Viruses	Clonality	Monoclonal
Applications	WB,IFA,Hemagglutination Inhibition	Storage	-20.0°C

BACKGROUND

Broad-Reactive Influenza Virus refers to influenza viruses that exhibit cross-reactivity with multiple subtypes or strains, or influenza viruses targeted by broad-reactive antibodies/therapeutics. It provides a basis for developing universal influenza vaccines, which can induce broad-reactive immunity to combat diverse influenza subtypes, and facilitates the development of broad-spectrum antiviral drugs and diagnostic reagents, improving preparedness for influenza pandemics.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	Dilution Ratio
WB	1:200-1:1000
IFA	1:20-1:500
Hemagglutination Inhibition	1:1000-1:5120

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Mouse Monoclonal antibody to Broad-Reactive Influenza Virus
Antibody Type	Primary antibody, Monoclonal
Specificity	Recognizes HA2 protein of avian influenza viruses of different subtypes.
Immunogen	20 amino acids in the helix A region at the C-terminus of HA Protein of H1 Influenza Virus
Form/Buffer	Liquid in PBS, 20% Glycerol; preservative: 0.05% Sodium Azide
Alternative Names	Avian influenza HA2 protein; Avian influenza hemagglutinin HA2

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

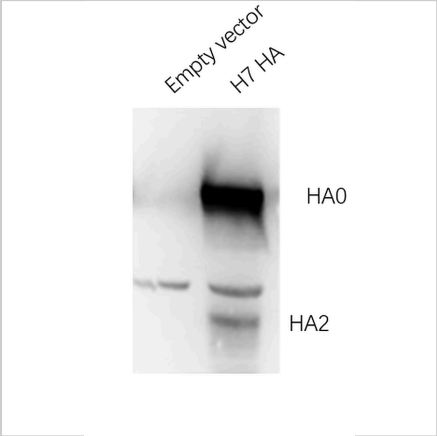
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

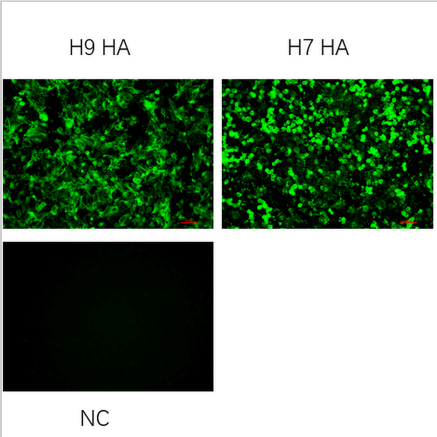
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Western blot analysis using Broad-Reactive Influenza Virus Mouse Monoclonal Antibody (HA_3A11) demonstrates broad recognition of the HA2 protein of avian influenza viruses of different subtypes.



Immunofluorescence analysis using Broad-Reactive Influenza Virus Mouse Monoclonal Antibody (HA_3A11) demonstrates broad recognition of the HA2 protein of avian influenza viruses of different subtypes.

STORAGE

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com