

Influenza A Virus Nucleoprotein Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 20302

Size: 100 ug Protein A-purified antibody in PBS, pH 7.4

SPECIFICATION SUMMARY

Antigen: Influenza virus type A strain H1N1.

Host Species: Mouse

Antibody Class: IgG1

Stabilizers: None

Preservatives: 0.1% sodium azide.

SPECIFICITY

This antibody recognizes all serotypes of Influenza A virus (see data below) and inhibits viral replication after fatty acid acylation.

<u>Influenza virus subtype and origin</u>	<u>Strain</u>	<u>Reactivity in ELISA (O.D.)</u>
A(Hsw1N), human	X53 recombinant	0.64
A(Hsw1N), swine	A/swine/1976/31	1.92
A(H1N1), human	A/PR/8/34	0.85 (0.64-1.54)
	A/FM/1/47	0.85 (0.64-1.54)
	A/Praha/1/84	0.85 (0.64-1.54)
	A/Taiwan/1/86	0.85 (0.64-1.54)
	A/Leningrad/325/88	0.85 (0.64-1.54)
	A/Texas/36/91	0.85 (0.64-1.54)
A(H1N1), avian	A/duck/Alberta/35/76	1.00
A(H2N2), human	A/Leningrad/459/80	0.77
A(H3N2), human	A/Hong Kong/1/68	1.11 (0.55-2.26)
	A/Leningrad/385/80	1.11 (0.55-2.26)
	A/Sychuan/2/87	1.11 (0.55-2.26)
	A/Zakarpatje/354/89	1.11 (0.55-2.26)
	A/St. Peterburg/40/92	1.11 (0.55-2.26)
	A/Beijing/32/92	1.11 (0.55-2.26)
A(H3N8), avian	A/duck/Ukraine/1/63	1.19
A(H6N4), avian	A/hen/Kishinev/75	1.41

APPLICATIONS

This antibody may be used in ELISA, immunocytochemistry for detection and serotyping of Influenza virus type A.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.