

Influenza A Virus Nucleoprotein Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 20302

Size: 100 µg 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.

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.*

<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/Zakarpatej/354/89	1.11 (0.55-2.26)
	A/St. Petersburg/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