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Product Datasheet

Anti-Influenza A 7304 SPRN-5
100081

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Product Name	Anti-Influenza A 7304 SPRN-5
Catalog Number	100081
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	FIA
Brand	Medix Biochemica
Form/Appear	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Isotype	IgG2a
Clonality	Monoclonal
Epitope	Not determined
Purity	≥ 95 %
Affinity constant	KA= 1.0 x 10^{8} 1/M; KD= 9.5 x 10^{-9} M (= 9.5 nM)
Buffer	37 mM citrate, 125mM phosphate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	6.1–8.5
Cross Reactivity	Recognizes Influenza A (H3N2) group 3C.2a1b and group 3C.3a, Influenza A (H1N1)pdm09 group 6B.1A1 and group 6B.1A5. Antibody also recognizes H5N3, H7N3, H9N2, and H5N1. Does not recognize Influenza B/ Yamagata clade 3, Influenza B/ Victoria clade 1A, clade 1A(?2), clade 1A(?3); Coxsackie -virus types: A9, A13, A18, A21, B1, B2, B3, B4, B5, B6; Echo- virus types: 1, 2, 3, 4, 5, 6, 7, 10, 18; Parainfluenza-virus types: 1, 2, 3; Rhino-virus types: 1A, 2, 13, 15, 3; Respiratory syncytial virus types: 1A, 2, 13, 15, 37; Enterovirus-70; Cytomegalovirus AD169; Herpes simplex virus-types: 1 and 2; S. sanguis, S. mutans, S. mitis, B. fragilis, H. influenzae, S. pneumoniae, M. catarrhalis, N. meningitides, S. agalactiae, E. faecalis, S. epidermidis, K. pneumoniae, K. monocytogenes, S. pyogenes, S. aureus, P. aeruginosa, P. vulgaris, E. coli, B. pertussis, C. albicans, N. gonorrhoeae, ß-hemolytic streptococcus group C, ß-hemolytic streptococcus group F, ß-hemolytic streptococcus group G, M. pneumonia, S. viridians, L. monocytogenes, S. epidermidis, P. mirabilis Non-immunological reactivity with S. aureus, HSV-1 and Streptococcus group A
Specificity	Antibody recognizes Influenza A nucleoprotein (np)
Shelf Life	36 months