

Product Datasheet

Anti-Influenza A 7305 SPRN-5 100082

Product Name	Anti-Influenza A 7305 SPRN-5
Catalog Number	100082
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Tested Applications	FIA
Brand	Medix Biochemica
Form/Appearance	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2-8°C
Isotype	IgG2a
Clonality	Monoclonal
Epitope	N/D
Purity	≥ 95 %
Affinity constant	KA= 5.3×10^7 1/M; KD= 1.9×10^{-8} M (= 19 nM)
Associated Products	Recombinant Influenza A NP antigen, Medix Biochemica 610050
Buffer	37 mM citrate, 125mM phosphate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	6.6-7.5
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, Victoria clade 1A, clade 1A(Δ2), clade 1A(Δ3); Coxsackie -virus types: A9, A13, A18, A21, B1, B2, B3, B4, B5; Echo-virus types: 1, 6, 7, 9, 11, 30; Enterovirus-70; 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. monocytophenes, S. pyogenes, S. aureus, P. aeruginosa, P. vulgaris, E. coli, B. pertussis, C. albicans, N. gonorrhoeae, β-hemolytic streptococcus group C, β-hemolytic streptococcus group F, β-hemolytic streptococcus group G. Non-immunological reactivity with S. aureus, HSV-1 and Streptococcus group A
Specificity	Antibody recognizes Influenza A nucleoprotein (np)
Shelf Life	36 months