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Product Datasheet

Anti-Influenza A 7307 SPTN-5 100083

Product Name	Anti-Influenza A 7307 SPTN-5
Catalog Number	100083
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	IgG1
Clonality	Monoclonal
Epitope	Not determined
Purity	≥ 95 %
Affinity constant	KA= 6.3 x 10^{8} 1/M; KD= 1.6 x 10^{-9} M (= 1.6 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	6.1–6.9
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(?2), clade 1A(?3); Coxsackie -virus types: A9, B5, B6; Echo-virus types: 2, 3, 6, 7, 9, 11, 25, 30; Parainfluenza-virus types: 1, 2, 3; Rhino-virus types: 1A, 2, 13, 15, 37; Respiratory syncytial virus types: A and B; Cytomegalovirus AD169; Herpes simplex virus-types: 1 and 2; B. fragilis, H. influenzae, S. pneumoniae, M. catarrhalis, N. meningitides, S. agalactiae, E. faecalis, K. pneumoniae, S. pyogenes, S. aureus, P. aeruginosa, E. coli, B. pertussis, C. albicans, N. gonorrhoeae, ß-hemolytic streptococcus group C, ß-hemolytic streptococcus group G, M. pneumoniae, S. viridians, L. monocytogenes, S. epidermidis, P. mirabilis
Specificity	Antibody recognizes Influenza A nucleoprotein (np)
Shelf Life	36 months