

Product Datasheet

**Anti-Influenza B 9901 SPTNZ-5
100117**

Product Name	Anti-Influenza B 9901 SPTNZ-5
Catalog Number	100117
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	IgG2b
Clonality	Monoclonal
Epitope	N/D
Purity	≥ 95 %
Affinity constant	KA= 1.1 x 10 ⁹ 1/M; KD= 8.7 x 10 ⁻¹⁰ M (=0.9 nM)
Associated Products	Recombinant Influenza B NP antigen, Medix Biochemica 610051
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.05 % Sulfobetaine, 0.095 % NaN ₃ as a preservative
IEF Profile	6.2-7.2
Cross Reactivity	Recognizes Influenza B/Yamagata clade 3, Influenza B/Victoria clade 1A, clade 1A (Δ2), and clade 1A (Δ3). Does not recognize Influenza A (H3N2) group 3C.2a1b and group 3C.3a, Influenza A (H1N1)pdm09 group 6B.1A1 and group 6B.1A5; 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, β-hemolytic streptococcus group C, β-hemolytic streptococcus group G, M. pneumoniae, S. viridians, L. monocytogenes, S. epidermidis, P. mirabilis
Specificity	Antibody recognizes Influenza B nucleoprotein (np)
Matched Pairs	As nucleoprotein is abundant in the virus, all Anti-Influenza B antibodies (9901, 9905, 9906, 9908 and 9909) pair with themselves and each other.
Shelf Life	36 months
References	Walls, H.H., Johansson, K.H., Harmon, M.W., Halonen, P.E., Kendal, A.P. (1986) Time-resolved fluoroimmunoassay with monoclonal antibodies for rapid diagnosis of influenza infections. J. Clin. Microbiol. 24:907-912