

Product Datasheet

Anti-Influenza B 9909 SPTN-5 100473

Product Name	Anti-Influenza B 9909 SPTN-5
Catalog Number	100473
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= 1.8 x 10 ⁸ 1/M; KD= 5.7 x 10 ⁻⁹ M (=5.7 nM)
Associated Products	Recombinant Influenza B NP antigen, Medix Biochemica 610051
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	6.7-8.9
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.
Specificity	Antibody recognizes Influenza B nucleoprotein (np)
Matched Pairs	As nucleoprotein is abundant in the virus, all Anti-Influenza B antibodies (9901, 9906, and 9909) pair with themselves and each other.
Shelf Life	36 months