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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.
Species/Host	Mouse
Tested Applications	FIA, LF
Brand	Medix Biochemica
Form/Appear	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Isotype	IgG2b
Clonality	Monoclonal
Epitope	Not determined
Purity	≥ 95 %
Affinity constant	KA= 1.8 x 10^{8} 1/M; KD= 5.7 x 10^{-9} M (=5.7 nM)
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 (?2), and clade 1A (?3). 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	The following pairs are especially recommended for the specified assays: FIA: V1161 (capture) - HM424 (detection), V1171 - HM424, V1161 - V1131, V1171 - V1131, 9901 – 9901 LF: V1131 (membrane) - V1161 (particles), HM424 - V1161, 9901 - V1161, HM424 - V1171, 9901 - 9901
Shelf Life	36 months