

## Product Datasheet

### Anti-Influenza B 9909 SPTN-5 100473

<b>Product Name</b>	Anti-Influenza B 9909 SPTN-5
<b>Catalog Number</b>	100473
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	FIA
<b>Brand</b>	Medix Biochemica
<b>Form/Appearance</b>	Liquid, may turn slightly opaque during storage
<b>Concentration</b>	5.0 mg/ml (+/- 10 %)
<b>Storage</b>	+2-8°C
<b>Isotype</b>	IgG2b
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	N/D
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	KA= 1.8 x 10 <sup>8</sup> 1/M; KD= 5.7 x 10 <sup>-9</sup> M (=5.7 nM)
<b>Associated Products</b>	Recombinant Influenza B NP antigen, Medix Biochemica 610051
<b>Buffer</b>	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN <sub>3</sub> as a preservative
<b>IEF Profile</b>	6.7-8.9
<b>Cross Reactivity</b>	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.
<b>Specificity</b>	Antibody recognizes Influenza B nucleoprotein (np)
<b>Matched Pairs</b>	As nucleoprotein is abundant in the virus, all Anti-Influenza B antibodies (9901, 9906, and 9909) pair with themselves and each other.
<b>Shelf Life</b>	36 months