

## **Product Datasheet**

**Anti-Influenza A 7304 SPRN-5  
100081**

<b>Product Name</b>	Anti-Influenza A 7304 SPRN-5
<b>Catalog Number</b>	100081
<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>	IgG2a
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	N/D
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	KA= 1.0 x 10 <sup>8</sup> 1/M; KD= 9.5 x 10 <sup>-9</sup> M (= 9.5 nM)
<b>Associated Products</b>	Recombinant Influenza A NP antigen, Medix Biochemica 610050
<b>Buffer</b>	37 mM citrate, 125mM phosphate, pH 6.0, 0.9 % NaCl, 0.095 % NaN 3 as a preservative
<b>IEF Profile</b>	6.1-8.5
<b>Cross Reactivity</b>	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, Influenza B/ Victoria clade 1A, clade 1A(Δ2), clade 1A(Δ3); Coxsackie -virus types: A9, A13, A18, A21, B1, B2, B3, B4, B5, B6; Echo- virus types: 1, 2, 3, 4, 5, 6, 7, 10, 18; Parainfluenza-virus types: 1, 2, 3; Rhino-virus types: 1A, 2, 13, 15, 3; Respiratory syncytial virus types: 1A, 2, 13, 15, 37; Enterovirus-70; Cytomegalovirus AD169; Herpes simplex virus-types: 1 and 2; S. sanguis, S. mutans, S. mitis, B. fragilis, H. influenzae, S. pneumoniae, M. catarrhalis, N. meningitides, S. agalactiae, E. faecalis, S. epidermidis, K. pneumoniae, K. monocytogenes, S. pyogenes, S. aureus, P. aeruginosa, P. vulgaris, E. coli, B. pertussis, C. albicans, N. gonorrhoeae, β-hemolytic streptococcus group C, β-hemolytic streptococcus group F, β-hemolytic streptococcus group G, M. pneumonia, S. viridians, L. monocytogenes, S. epidermidis, P. mirabilis Non-immunological reactivity with S. aureus, HSV-1 and Streptococcus group A
<b>Specificity</b>	Antibody recognizes Influenza A nucleoprotein (np)
<b>Shelf Life</b>	36 months