

## Product Datasheet

### Anti-h TSH 5401 SP-1 100023

<b>Product Name</b>	Anti-h TSH 5401 SP-1
<b>Catalog Number</b>	100023
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	LF, CLIA, FIA
<b>Brand</b>	Medix Biochemica
<b>Form/Appearance</b>	Liquid, may turn slightly opaque during storage
<b>Concentration</b>	1.0 mg/ml (+/- 10 %)
<b>Storage</b>	+2-8°C
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	Group 1
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	KA= 5.1 x 10 <sup>9</sup> 1/M; KD= 2.0 x 10 <sup>-10</sup> M (= 0.20 nM)
<b>Associated Products</b>	Native TSH antigen 996-51
<b>Buffer</b>	0.9 % NaCl, 0.095 % NaN <sub>3</sub> as a preservative
<b>IEF Profile</b>	6.6-7.7
<b>Cross Reactivity</b>	hCG 0.1 %, LH 0.8 %, FSH 1.0 %
<b>Specificity</b>	Antibody recognizes human thyrotropin and its free beta subunit
<b>Shelf Life</b>	12 months
<b>References</b>	Wu, F.-B., Han, S.-Q. and He, Y.-F. (2002) Time-resolved immunofluorometry of serum hTSH with enhanced sensitivity. J. Immunoassay & Immunochem., 23(2):191-210