

## Product Datasheet

### Anti-h TSH 5407 SPTN-5 100254

<b>Product Name</b>	Anti-h TSH 5407 SPTN-5
<b>Catalog Number</b>	100254
<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>	5.0 mg/ml (+/- 10 %)
<b>Storage</b>	+2-8°C
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	Group 3
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	KA= 5.4 x 10 <sup>9</sup> l/M; KD= 1.8 x 10 <sup>-10</sup> M (= 0.18 nM)
<b>Associated Products</b>	Native TSH antigen 996-51
<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>	5.6-7.0
<b>Cross Reactivity</b>	TSH α < 0.5 %, TSH β 77.4 %, hCG < 0.5 %, LH < 0.5 %, FSH < 0.5 %
<b>Specificity</b>	Antibody recognizes human thyrotropin and its free beta subunit
<b>Shelf Life</b>	24 months