

## Product Datasheet

### Anti-h Thyroglobulin 2802 SPTN-5 100331

<b>Product Name</b>	Anti-h Thyroglobulin 2802 SPTN-5
<b>Catalog Number</b>	100331
<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>Note</b>	T3 or T4 has no effect on the binding of this antibody
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	N/D
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	KA= $7.3 \times 10^8$ 1/M; KD= $1.4 \times 10^{-9}$ M (=1.4 nM)
<b>Associated Products</b>	Native Thyroglobulin antigen, Lee Biosolutions 528-11
<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>	6.7-8.2
<b>Cross Reactivity</b>	Does not recognize thyroid peroxidase, others not tested.
<b>Specificity</b>	Antibody recognizes human thyroglobulin
<b>Shelf Life</b>	24 months