

## Product Datasheet

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

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| <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  |