

## Product Datasheet

### Anti-h TNF-alpha 13801 SPTN-5 101010

<b>Product Name</b>	Anti-h TNF-alpha 13801 SPTN-5
<b>Catalog Number</b>	101010
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	LF, ELISA, CLIA
<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>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	KA = $3.1 \times 10^9$ 1/M; KD = $4.1 \times 10^{-10}$ M (= 0.41 nM)
<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>	6.5-7.8
<b>Specificity</b>	Antibody recognizes both natural and recombinant human TNF-α
<b>Matched Pairs</b>	Following pairs are especially recommended for the below mentioned assays: ELISA: 13802 (capture) - 13801 (detection) LF: 13801 (membrane) - 13802 (particles), 13802 - 13802, and 13802 - 13801 CLIA: 13802 (magnetic particles) - 13801 (detection), and 13801 - 13802
<b>Shelf Life</b>	Unspecified