

## Product Datasheet

### Anti-h NSE 9602 SPTN-5 100408

<b>Product Name</b>	Anti-h NSE 9602 SPTN-5
<b>Catalog Number</b>	100408
<b>Description</b>	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
<b>Tested Applications</b>	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>Note</b>	Note that antibody binding requires Mg <sup>2+</sup> -ions and is sensitive to chelating agents (EDTA, EGTA, citrate).
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Epitope</b>	Group B as described in Paus et al. (2011)
<b>Purity</b>	≥ 95 %
<b>Affinity constant</b>	K <sub>A</sub> = 2.2 × 10 <sup>8</sup> 1/M
<b>Associated Products</b>	<b>Recombinant NSE antigen 610150</b> <b>Native NSE antigen 430-11</b>
<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>	7.2-8.0
<b>Cross Reactivity</b>	Recognizes NNE (non-neuronal enolase) < 1.4 %
<b>Specificity</b>	Antibody recognizes human neuron-specific enolase, gamma isoform
<b>Matched Pairs</b>	<b>Anti-h NSE 9601</b>
<b>Shelf Life</b>	36 months
<b>References</b>	Paus, E., Hirzel, K., Lidqvist, M., Höyhty, M., and Warren, D.J. (2011) TD-12 workshop report: characterization of monoclonal antibodies to neuron-specific enolase. Tumor Biol. 32:819-829.