

Product Datasheet

Anti-h NSE 9602 SPTN-5 100408

Product Name	Anti-h NSE 9602 SPTN-5
Catalog Number	100408
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Tested Applications	CLIA, FIA
Brand	Medix Biochemica
Form/Appearance	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2-8°C
Note	Note that antibody binding requires Mg ²⁺ -ions and is sensitive to chelating agents (EDTA, EGTA, citrate).
Isotype	IgG1
Clonality	Monoclonal
Epitope	Group B as described in Paus et al. (2011)
Purity	≥ 95 %
Affinity constant	K _A = 2.2 × 10 ⁸ 1/M
Associated Products	Recombinant NSE antigen 610150 Native NSE antigen 430-11
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	7.2-8.0
Cross Reactivity	Recognizes NNE (non-neuronal enolase) < 1.4 %
Specificity	Antibody recognizes human neuron-specific enolase, gamma isoform
Matched Pairs	Anti-h NSE 9601
Shelf Life	36 months
References	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.