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Product Datasheet

Anti-h NSE 9601 SPTN-5
100388

Product Name	Anti-h NSE 9601 SPTN-5
Catalog Number	100388
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	CLIA, FIA
Brand	Medix Biochemica
Form/Appear	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2–8 °C
Note	Note that antibody binding requires Mg2+-ions and is sensitive to chelating agents (EDTA, EGTA, citrate).
Isotype	IgG1
Clonality	Monoclonal
Epitope	Group D as described in Paus et al. (2011)
Purity	≥ 95 %
Affinity constant	KA= 4.3 x 10^8 1/M
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	6.6–7.7
Cross Reactivity	Recognizes NNE (non-neuronal enolase) < 1.6 %
Specificity	Antibody recognizes human neuron-specific enolase, gamma isoform
Matched Pairs	**Anti-h NSE 9602**
Shelf Life	36 months
References	Paus, E., Hirzel, K., Lidqvist, M., Höyhtyä, M., and Warren, D.J. (211) TD-12 workshop report: characterization of monoclonal antibodies to neuron-specific enolase. Tumor Biol. 32:819-829.