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Product Datasheet

Anti-LSD R12301 SPTN-5 140027

Product Name	Anti-LSD R12301 SPTN-5
Catalog Number	140027
Description	Recombinant mouse IgG1 antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	in vitro cell culture
Tested Applications	FIA
Brand	Medix Biochemica
Form/Appear	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2-8°C
Isotype	IgG1
Clonality	Monoclonal
Purity	≥ 95 %
Affinity constant	KA = 1.4 x 1010 1/M; KD = 9.5 x 10-11 M (= 0.10 nM)
Associated Products	LA783
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	6.3–6.9
Cross Reactivity	Recognizes 2-Oxo-3-hydroxy-LSD and Fentanyl 61%
Specificity	Antibody recognizes lysergic acid diethylamide (LSD) Fentanyl 61%
Matched Pairs	LSD-BSA Antigen LA783
Shelf Life	36 months