

Product Datasheet

Anti-h Amyloid beta (42) R13602 SPTN-5 140070

Product Name	Anti-h Amyloid beta (42) R13602 SPTN-5
Catalog Number	140070
Description	Recombinant mouse antibody, cultured in vitro under conditions free from animal-derived components.
Tested Applications	FIA
Brand	Medix Biochemica
Form/Appearance	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2-8°C
Isotype	IgG1
Clonality	Monoclonal
Epitope	Includes amino acids 41-42.
Purity	≥ 95 %
Affinity constant	$K_A = 2.9 \times 10^9 \text{ 1/M}$; $K_D = 2.9 \times 10^{-10} \text{ M}$ (= 0.29 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	6.9-7.8
Cross Reactivity	Minor cross-reaction to Amyloid beta 1-40 and 1-43 peptides.
Specificity	Antibody recognizes amyloid beta peptide 1-42
Matched Pairs	Following pair is recommended for the detection of amyloid beta 1-42: FIA: R13602 (capture) – R13621 (detection)
Shelf Life	Unspecified