

Product Datasheet

Anti-h Amyloid beta R13621 SPTN-5 140059

Product Name	Anti-h Amyloid beta R13621 SPTN-5
Catalog Number	140059
Description	Recombinant mouse antibody, cultured in vitro under conditions free from animal-derived components.
Tested Applications	FIA
Alternative Names	Alzheimer's disease
Brand	Medix Biochemica
Form/Appearance	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2-8°C
Isotype	IgG2
Clonality	Monoclonal
Epitope	N-terminal part of amyloid beta
Purity	≥ 95 %
Affinity constant	$K_A = 7.7 \times 10^9 \text{ 1/M}$; $K_D = 1.3 \times 10^{-10} \text{ M}$ (= 0.13 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	7.0-7.5
Cross Reactivity	Recognizes both amyloid beta 1-40 and 1-42, does not recognize peptide with amino acids 17-40 within amyloid beta (P3)
Specificity	Antibody recognizes the N-terminus of amyloid beta peptide
Matched Pairs	For the detection of amyloid beta 1-40: FIA: R13611 (capture) - R13621 (detection)
Shelf Life	Unspecified