

Product Datasheet

Anti-h CRP 6407 SPTN-5 100147

Product Name	Anti-h CRP 6407 SPTN-5
Catalog Number	100147
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	LF, FIA, IT
Alternative Names	CRP antibody
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 CRP is a pentameric protein. The same antibody can thus be used both as a capture and a detection antibody.
Isotype	IgG1
Clonality	Monoclonal
Epitope	Not determined
Purity	≥ 95 %
Affinity constant	$KA = 8.9 \times 10^9$ 1/M; $KD = 1.1 \times 10^{-10}$ M (= 0.11 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	6.5-7.2
Cross Reactivity	Does not recognize serum amyloid-P complex
Specificity	Antibody recognizes human C-reactive protein (CRP), binding is Ca ²⁺ independent
Shelf Life	24 months
References	Käpyaho, K., Welin, M.-G., Tanner, P., Kärkkäinen, T. and Weber, T. (1989) Rapid determination of C-reactive protein by enzyme immunoassay using two monoclonal antibodies. Scand. J. Clin. Lab. Invest. 49:389-393