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Product Datasheet

Anti-h CRP 6405 SPTN-5 100358

Product Name	Anti-h CRP 6405 SPTN-5
Catalog Number	100358
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	FIA, IT, LF
Alternative Names	Antibody
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 CRP is a pentameric protein. The same antibody can thus be used both as a capture and a detection antibody. Binding of CRP by antibody 6405 is not inhibited by EDTA or phosphorylcholine (Käpyaho et al. 1989).
Isotype	IgG1
Clonality	Monoclonal
Epitope	Not determined
Purity	≥ 95 %
Affinity constant	KA= 3.9 x 10^{10} 1/M; KD= 2.6 x 10^{-11} M (= 0.03 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN_3 as a preservative
IEF Profile	5.8–7.5
Cross Reactivity	Recognizes serum amyloid-P component (SAP) 0.02 % (Sigma, Cat S6012, Lot 34F0284)
Specificity	Antibody recognizes human C-reactive protein (CRP)
Shelf Life	18 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