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Product Datasheet

Anti-h CRP 6402 SPTN-5 100145

Product Name	Anti-h CRP 6402 SPTN-5
Catalog Number	100145
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	FIA, IT, LF
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.
Isotype	Mouse IgG1
Clonality	Monoclonal
Epitope	Not determined
Purity	≥ 95 %
Affinity constant	KA= 6.2 x 10^{9} 1/M; KD= 1.6 x 10^{-10} M (= 0.16 nM)
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
IEF Profile	6.6–7.7
Cross Reactivity	Does not recognize serum amyloid-P complex
Specificity	Antibody recognizes human C-reactive protein (CRP), binding is Ca2+ independent
Shelf Life	36 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