
Certificate of Specification

UPB90020, UPB90021

Monoclonal anti Mouse Kappa light Chain - Biotin

Product Information

Product :	Rat IgG2a (allotype IgK-1b) anti Mouse Kappa light chain - Biotin
Spécificity :	Mouse Kappa Light Chain of immunoglobulin
Origin :	Rat
Clone :	LO-MK-1
Purity :	Immunoaffinity chromatography (Bazin et al. J.Immunol. Meth. 1984, 71 :9-16)
Reactivity :	Mouse kappa light chain of immunoglobulin (determined by immunodot), positively tested on BALB/c and C57BL/6 mouse sera. LO-MK-1 and LO-MK-2 do not bind to the same epitope.
Cross Reactivity :	Does not cross-react with chicken, rabbit, goat, sheep, bovine, horse, dog, swine, baboon, and human IgG and with human IgM (ELISA test). Cross react with dog, sheep, swine and bovine IgG.
Avidity :	On mouse IgG2a kappa: $3 \times 10^9 M^{-1}$
Application :	Immunoassay : LO-MK-1 and LO-MK-2 do not bind to the same epitope(s) of mouse IgK. LO-MK-2 can be used for coating as it coats very well on plastic plate. LO-MK-1 can be used for detection. Immunopurification is not recommended
Buffer :	PBS pH7.2, 50% glycerol
Concentration :	1mg/ml
Storage :	-20°C
References :	(1) Bazin H. Production of rat monoclonal antibodies with the LOU rat non secreting IR983F myeloma cell line. Prot. Biol. Fluids, 1982, Peeters E. ed., 29th colloquium 1981 Pergamon Press Oxford and N.Y. : 615-618 (2) Latinne et al. Immunol. Rev. 1994, 141: 95-125 <u>Selected references of scientific publications in which LO-MK-1 MAb was used:</u> Delaunay T. et al. J. Immunol. Methods, 1990, 131: 33-39. Denis O. et al. Internat. Immunol., 1993, 5 (1) : 71-78.

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