

10-9520-B: Biotinylated Recombinant Rabbit Monoclonal Antibody to Human Immunoglobulin Light Chains (Clone: RM129)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM129
Application :	ICC,IHC,FACS,ELISA
Reactivity :	Human
Gene :	IGKC
Gene ID :	3514/3537
Uniprot ID :	P01834
Format :	Purified
Alternative Name :	IGKC
Isotype :	Rabbit IgG
Immunogen Information :	Human IgG

Product Info

Amount :	50 µg
Purification :	Protein A affinity purified from an animal origin-free culture supernatant
Content :	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage condition :	Store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Clone RM129 reacts to both kappa and lambda light chains of human immunoglobulins. No cross reactivity with mouse, rat, or goat immunoglobulin light chain. ELISA: 0.02 \tilde{A} [] \hat{A} µg/ml \tilde{A} [] \hat{a} []] 0.25 \tilde{A} [] \hat{A} µg/ml; Immunocytochemistry (ICC): 0.5 \tilde{A} [] \hat{A} µg/ml-2 \tilde{A} [] \hat{A} µg/ml; Immunohistochemistry (IHC): 0.5 \tilde{A} [] \hat{A} µg/ml-2 \tilde{A} [] \hat{A} µg/ml.

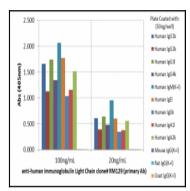


Figure 1: ELISA of human immunoglobulins shows Clone: RM129 reacts to both Kappa and Lambda light chains of human immunoglobulins. No cross reactivity with mouse, rat, or goat immunoglobulin light chain. The plate was coated with 50ng/well of different immunglobulins. 100 ng/ml or 20 ng/ml was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

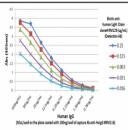


Figure 2: A titer Sandwich ELISA using Biotinylated Clone: RM129 as the detection antibody. The plate, coated with the capture antibody anti-human IgG Clone: RM116, was loaded with different amounts of human IgG. A serial dilution of Biotin Clone: RM129 was used as the detection antibody, followed with an alkaline phosphatase conjugated streptavidin.

