

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

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

### Product Info

<b>Amount :</b>	50 µg
<b>Purification :</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Content :</b>	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
<b>Storage condition :</b>	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 µg/ml – 0.25 µg/ml; Immunocytochemistry (ICC): 0.5 µg/ml-2 µg/ml; Immunohistochemistry (IHC): 0.5 µg/ml-2 µg/ml.

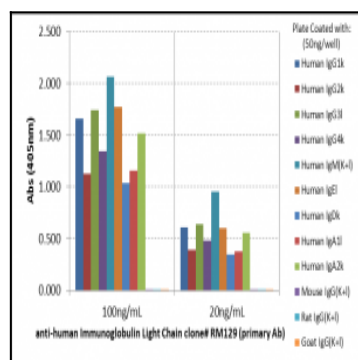


Figure 1: ELISA of human immunoglobulins shows Clone: RM129 reacts to both Kappa and Lambda light chains of human immunoglobulins. No cross reactivity with mouse, rat, or goat immunoglobulin light chain. The plate was coated with 50ng/well of different immunoglobulins. 100 ng/ml or 20 ng/ml was used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

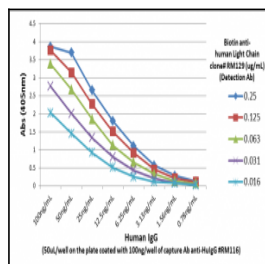


Figure 2: A titration Sandwich ELISA using Biotinylated Clone: RM129 as the detection antibody. The plate, coated with the capture antibody anti-human IgG Clone: RM116, was loaded with different amounts of human IgG. A serial dilution of Biotin Clone: RM129 was used as the detection antibody, followed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