

## 10-9528-B: Biotinylated Recombinant Rabbit Monoclonal Antibody to Human IgG2 (Clone: RM118)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	RM118
<b>Application :</b>	ICC,ELISA,IHC,FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	Biotin
<b>Gene :</b>	IGHG2
<b>Gene ID :</b>	3501
<b>Uniprot ID :</b>	P01859
<b>Format :</b>	Purified
<b>Alternative Name :</b>	IGHG2
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Human IgG2

### 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 -4°C. Do not freeze.

### Application Note

Clone RM118 reacts to the heavy chain of human IgG2. No cross reactivity with human IgG1, IgG3, IgG4, IgM, IgA, IgD, IgE, mouse IgG, rat IgG, or goat IgG. ELISA: 50ng/well  $\rightarrow$  200ng/well (for Capture); 0.05 µg/ml  $\rightarrow$  0.2 µg/ml (for Detection); Immunocytochemistry (ICC): 0.5 µg/ml-2 µg/ml; Immunohistochemistry (IHC): 0.5 µg/ml-2 µg/ml.

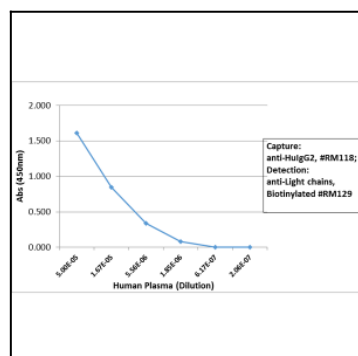


Figure 1: Sandwich ELISA using Clone: RM118 as the capture antibody, and Biotinylated anti-human light chains(Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an AP conjugated streptavidin.

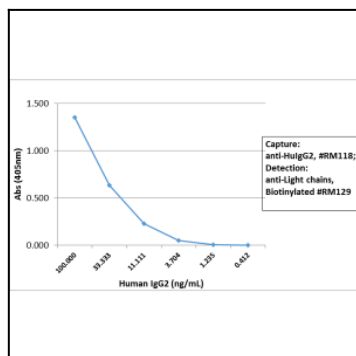


Figure 2: Sandwich ELISA using Clone: RM118 as the capture antibody, and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an AP conjugated streptavidin.

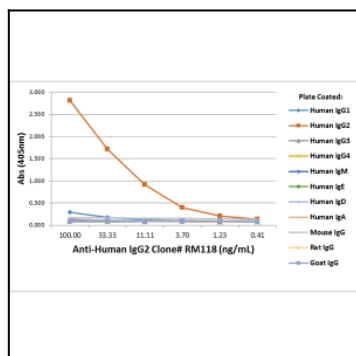


Figure 3: ELISA of human immunoglobulins shows Clone: RM118 only reacted to human IgG2. No cross reactivity with Human IgG1, IgG3, IgG4, IgE, IgD, IgA, mouse IgG, rat IgG, or goat IgG. The plate was coated with 50 ng/well of different immunoglobulins. A serial dilution of Clone: RM118 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

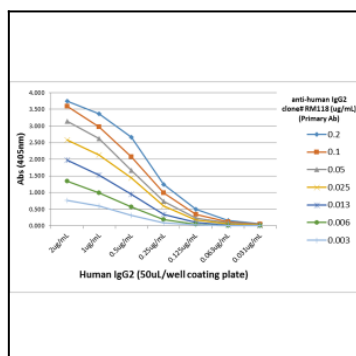


Figure 4: A titer ELISA using Clone: RM118. The plate was coated with different amounts of human IgG2. A serial dilution of Clone: RM118 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.