

## 10-9529: Recombinant Rabbit Monoclonal Antibody to Human IgG3 (Clone: RM119)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	RM119
<b>Application :</b>	ICC,IHC,FACS,ELISA
<b>Reactivity :</b>	Human
<b>Gene :</b>	IGHG3
<b>Gene ID :</b>	3502
<b>Uniprot ID :</b>	P01860
<b>Format :</b>	Purified
<b>Alternative Name :</b>	IGHG3
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Human IgG3

### Product Info

<b>Amount :</b>	100 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 RM119 reacts to the heavy chain of human IgG3. No cross reactivity with human IgG1, IgG2, IgG4, IgM, IgA, IgD, IgE, mouse IgG, rat IgG, or goat IgG. ELISA: 50ng/well ~ 200ng/well (for Capture); 0.05 ~ 0.2 µg/ml (for Detection); Immunocytochemistry (ICC): 0.5 ~ 2 µg/ml; Immunohistochemistry (IHC): 0.5 ~ 2 µg/ml.

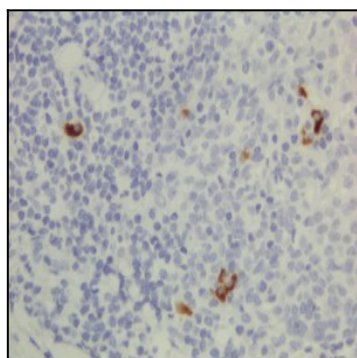


Figure 1: Immunohistochemistry of Human Lymphoid Tissue using Anti-Human IgG3 antibody Clone: RM119.

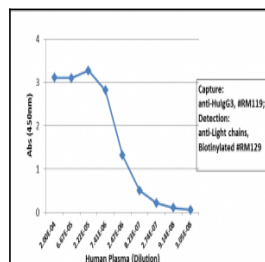


Figure 2: Sandwich ELISA using Clone: RM119 as the capture antibody (100ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an HRP conjugated streptavidin.

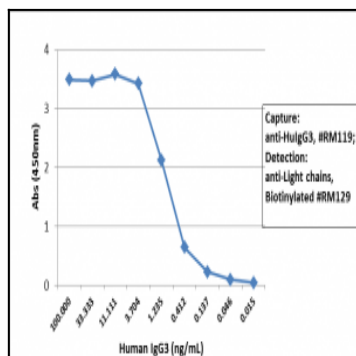


Figure 3: Sandwich ELISA using Clone: RM119 as the capture antibody (100 ng/well), and Biotinylated anti-human light chains (Kappa+ Lambda) antibody Clone: RM129 as the detection antibody, followed by an HRP conjugated streptavidin.

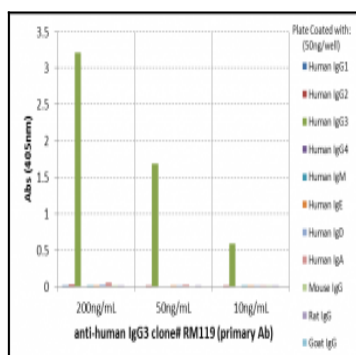


Figure 4: ELISA of human immunoglobulins shows Clone: RM119 reacts only to human IgG3. No cross reactivity with Human IgG1, IgG2, IgG4, IgE, IgD, IgA, mouse IgG, rat IgG, or goat IgG. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of Clone: RM119 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

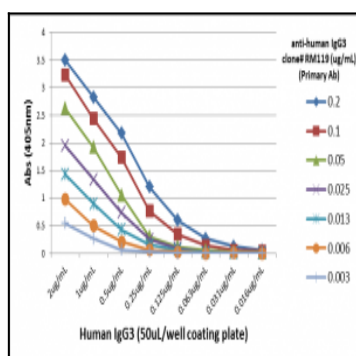


Figure 5: A titer ELISA using Clone: RM119. The plate was coated with different amounts of human IgG3. A serial dilution of Clone: RM124 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.