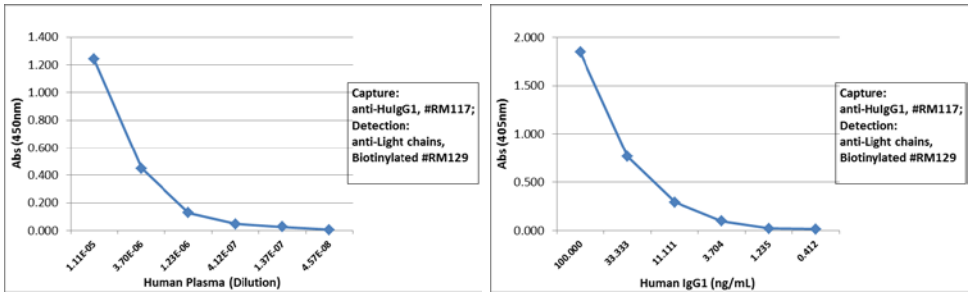
RevMAb Biosciences
www.revmab.com

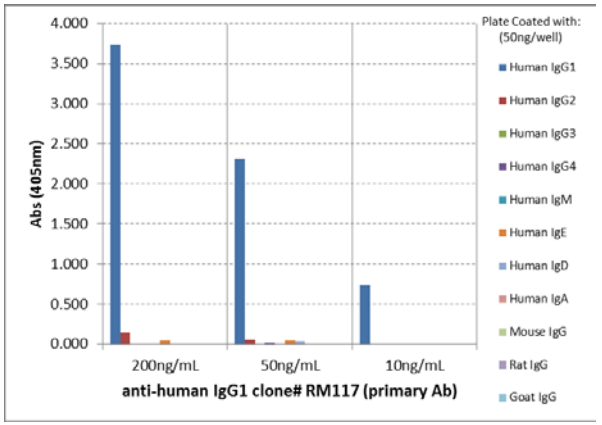
RevMAb Biosciences USA, Inc.
870 Dubuque Ave, South San Francisco, CA 94080, USA

Certificate of Analysis

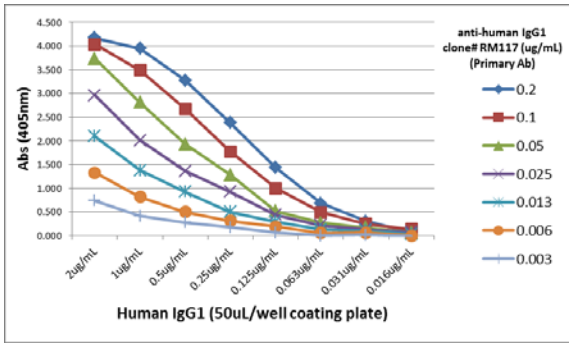
Product:	Rabbit Monoclonal Antibody Anti-Human IgG1 Rabbit Monoclonal Antibody, Clone RM117
Catalog No.:	31-1019-00
Lot No.:	
Clone	RM117
Specificity	This antibody reacts to the heavy chain of human IgG1. No cross reactivity with human IgG2, IgG3, IgG4, IgM, IgA, IgD, IgE, mouse IgG, rat IgG, or goat IgG.
Application:	ELISA, Immunohistochemistry, Immunocytochemistry, Flow Cytometry.
Immunogen:	Peptide corresponding to the hinge region of Human IgG1
Purity:	Protein A affinity purified from an animal origin–free culture supernatant
Size:	100 µg
Concentration:	1.0 mg/mL
Buffer:	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Usage:	ELISA: 50ng/well – 200ng/well (for Capture); 0.05ug/mL – 0.2ug/mL (for Detection); IHC, ICC: 0.5ug/mL – 2ug/mL;
Storage and Stability:	Stable for 1 Year at -20.0°C from date of receipt.
Country of Origin:	U.S.A.
Intended Use:	**For Research Use Only Not for Diagnostic or Therapeutic Use**



Sandwich ELISA using RM117 as the capture antibody, and Biotinylated anti-human light chains (κ+λ) antibody RM129 as the detection antibody, followed by an AP conjugated streptavidin.



ELISA of human immunoglobulins shows RM117 only reacts to human IgG1. No cross reactivity with Human IgG2, IgG3, 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 RM117 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



A titer ELISA using RM117. The plate was coated with different amounts of human IgG1. A serial dilution of RM117 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.