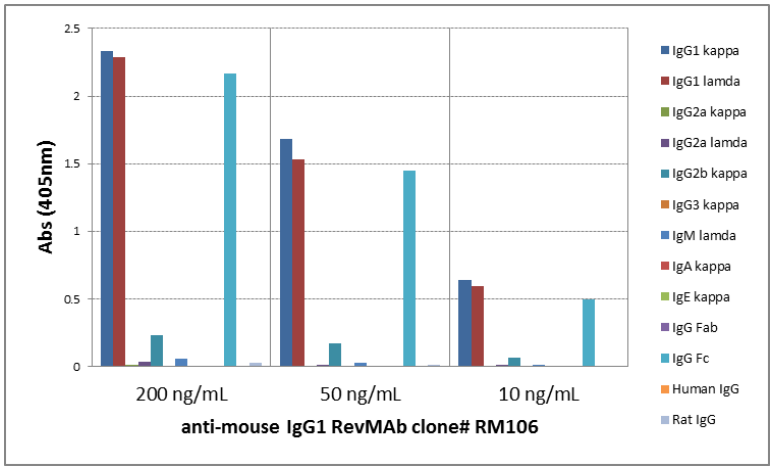
RevMAb Biosciences
www.revmab.com

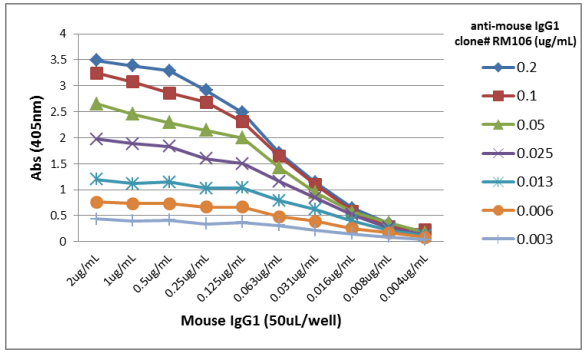
RevMAb Biosciences USA, Inc.
830 Dubuque Ave, South San Francisco, CA 94080, USA

Certificate of Analysis

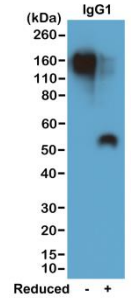
Product:	Rabbit Monoclonal Antibody Biotin Anti-Mouse IgG1 Rabbit Monoclonal Antibody, Clone RM106
Catalog No.:	31-1002-02
Lot No.:	
Clone	RM106
Specificity	This antibody reacts to the Fc region of mouse IgG1. No cross reactivity with mouse IgG2a, IgG3, IgM, IgA, IgE, human IgG, or rat IgG. The Fc region of RM106 has been engineered to eliminate Fc receptor binding.
Application:	ELISA, Flow Cytometry, Immunoprecipitation, Western Blot.
Immunogen:	Mouse IgG
Purity:	Protein A affinity purified from an animal origin–free and protein-free culture supernatant
Size:	50 µg
Concentration:	1.0 mg/mL
Buffer:	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Usage:	ELISA: 0.005ug/mL – 0.2ug/mL; WB: 0.1ug/mL – 0.5ug/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**



ELISA of mouse immunoglobulins shows RM106 reacts to the Fc region of mouse IgG1; no cross reactivity with IgG2a, IgG3, IgM, IgA, IgE, human IgG, or rat IgG. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of RM106 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



A titer ELISA of mouse IgG1. The plate was coated with different amount of mouse IgG1. A serial dilution of RM106 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



Western blot of nonreduced(-) and reduced(+) mouse IgG1 (20ng/lane), using 0.2ug/mL of RevMAb clone RM106. This antibody reacts to nonreduced IgG1 (~150 kDa) stronger than the reduced γ1 form (~50 kDa).