9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

10-9503: Recombinant Rabbit Monoclonal Antibody to Mouse IgG (Clone: RM104)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM104
Application :	WB,IP,ICC,IHC,FACS,ELISA
Reactivity :	Mouse
Gene :	Ighg1
Gene ID :	16017
Uniprot ID :	P01868Â
Format :	Purified
Isotype :	Rabbit IgG
Immunogen Information :	Mouse IgG

Product Info

Amount :	100 µg
Purification :	Protein A affinity purified from an animal origin-free culture supernatant
Content :	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage condition :	Store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Clone RM104 reacts to the Fc region of all mouse IgG subclasses. No cross reactivity with mouse IgM, IgA, IgE, human IgG, and rat IgG. It may cross react to goat IgG.The Fc region of Clone RM104 has been engineered to eliminate Fc receptor binding. ELISA: 0.005 Ã‚Âµg/ml-0.2 Ã‚Âµg/ml; Immunocytochemistry (ICC): 0.5 Ã‚Âµg/ml-2 Ã‚Âµg/ml; Immunohistochemistry (IHC): 0.5 Ã‚Âµg/ml-2 Ã‚Âµg/ml; Western Blot (WB): 0.1 Ã‚Âµg/ml-0.5 Ã‚Âµg/ml.

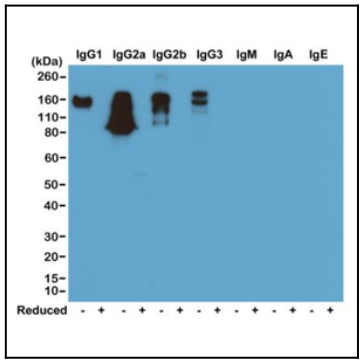

Figure 1: Western blot of nonreduced(-) and reduced(+)mouse immunoglobulins (20 ng/lane), using 0.2 µg/ml of Clone: RM104. This antibody reacts to nonreduced mouse IgG1, IgG2a, IgG2b,and IgG3. It showed no cross reactivity with IgM, IgA, or IgE.

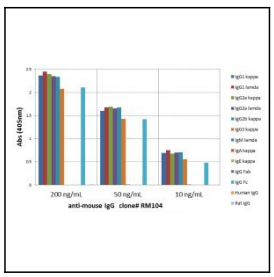

Figure 2: ELISA of mouse immunoglobulins shows Clone: RM104 reacts to the Fc region of mouse IgG1, IgG2a,IgG2b, and IgG3; no cross reactivity with IgM,IgA, IgE, human or rat IgG. The plate was coated with 50 ng/well of different immunoglobulins.200 ng/mL, 50 ng/mL, or 10 ng/mL of Clone: RM104 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

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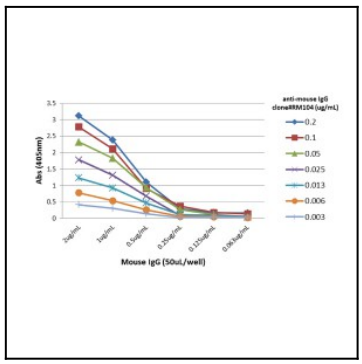

Figure 3: A titer ELISA of mouse IgG. The plate was coated with different amounts of mouse IgG. A serial dilutionof Clone: RM104 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.