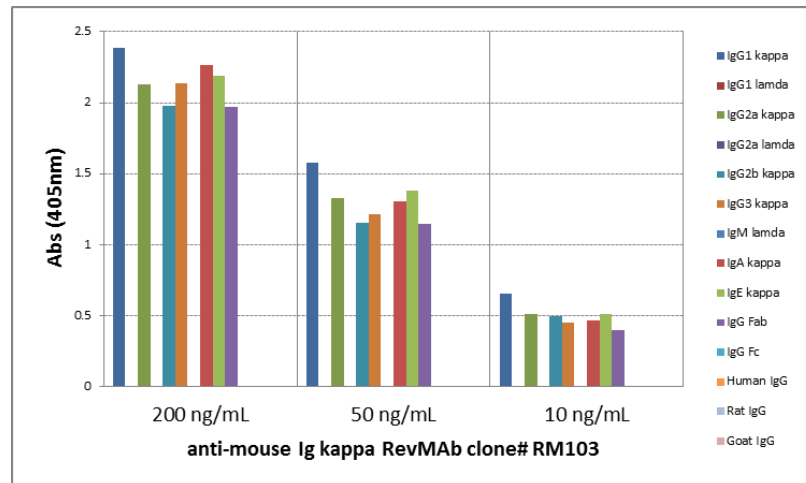
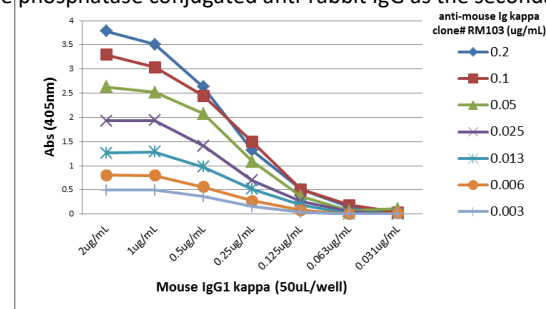


## Certificate of Analysis

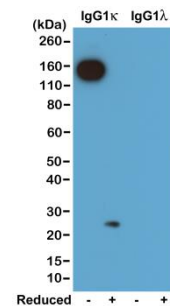
<b>Product:</b>	Rabbit Monoclonal Antibody Anti-Mouse Immunoglobulin Kappa Light Chain Rabbit Monoclonal Antibody, Clone RM103
<b>Catalog No.:</b>	31-1007-00
<b>Lot No</b>	
<b>Clone</b>	RM103
<b>Specificity</b>	This antibody reacts to the kappa light chain of mouse immunoglobulins. No cross reactivity with the lamda light chain, human IgG, rat IgG, or goat IgG.  The Fc region of RM103 has been engineered to eliminate Fc receptor binding.
<b>Application:</b>	ELISA, Western Blot (nonreduced).
<b>Immunogen:</b>	Mouse IgG
<b>Purity:</b>	Protein A affinity purified from an animal origin-free and protein-free culture supernatant
<b>Size:</b>	100 µg
<b>Concentration:</b>	1.0 mg/mL
<b>Buffer:</b>	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
<b>Usage:</b>	ELISA: 0.005ug/mL – 0.2ug/mL; WB: 0.1ug/mL – 0.5ug/mL
<b>Storage and Stability:</b>	Stable for 1 Year at -20.0°C from date of receipt.
<b>Country of Origin:</b>	U.S.A.
<b>Intended Use:</b>	<b>For Research Use Only Not for Diagnostic or Therapeutic Use</b>



ELISA of mouse immunoglobulins shows RM103 reacts to the kappa light chain of mouse immunoglobulins. No cross reactivity with the lamda light chain, human IgG ( $\kappa+\lambda$ ), rat IgG ( $\kappa+\lambda$ ), or goat IgG ( $\kappa+\lambda$ ). The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL, or 10 ng/mL of RM103 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



A titer ELISA of mouse IgG1 $\kappa$ . The plate was coated with different amounts of mouse IgG1 $\kappa$ . A serial dilution of RM103 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 $\kappa$  and IgG1 $\lambda$  (20ng/lane), using 0.2ug/mL of RevMAb clone RM103. This antibody reacts to nonreduced IgG1 $\kappa$  (~150 kDa), and slightly reacts to reduced  $\kappa$  light chain (~25 kDa).