

# Product Datasheet

## Kappa Light Chain Antibody (RM103) [Biotin] NBP2-62003B

Unit Size: 50 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-62003B**

Kappa Light Chain Antibody (RM103) [Biotin]

Product Information	
Unit Size	50 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM103
Preservative	0.09% Sodium Azide
Isotype	IgG
Conjugate	Biotin
Purity	Protein A purified
Buffer	PBS, 50% Glycerol, 1% BSA

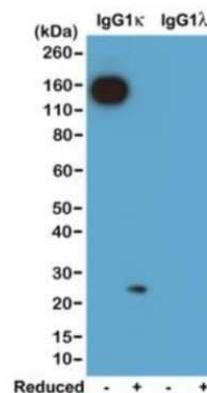
Product Description	
Host	Rabbit
Gene ID	3514
Gene Symbol	IGKC
Species	Mouse
Specificity/Sensitivity	This antibody reacts to the kappa light chain of mouse immunoglobulins. No cross reactivity with the lambda light chain, human IgG, rat IgG, or goat IgG.
Immunogen	Mouse IgG

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 0.1ug/ml - 0.5ug/ml, ELISA 0.005ug/ml-0.2ug/ml
Application Notes	This primary antibody can also be used as a secondary antibody.

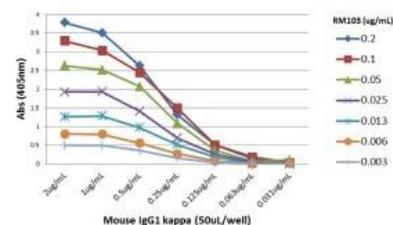


## Images

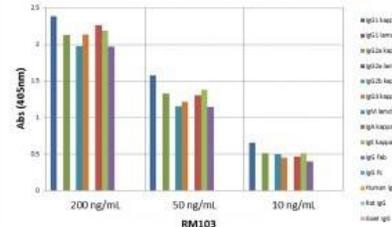
Western Blot: Kappa Light Chain Antibody (RM103) [Biotin] [NBP2-62003B] - Western blot of nonreduced(-) and reduced(+) mouse IgG1 (kappa) and IgG1(lambda) (20 ng/lane), using 0.2 ug/mL of clone RM103. This antibody reacts to nonreduced IgG1(kappa) (~150 kDa), and slightly reacts to reduced kappa light chain (~25 kDa).



ELISA: Kappa Light Chain Antibody (RM103) [Biotin] [NBP2-62003B] - A titer ELISA of mouse IgG1 kappa. The plate was coated with different amounts of mouse IgG1 kappa. A serial dilution of NBP2-62003B was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



ELISA: Kappa Light Chain Antibody (RM103) [Biotin] [NBP2-62003B] - 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, 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 RM103 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.





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### **Products Related to NBP2-62003B**

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NBP2-24891B	Rabbit IgG Isotype Control [Biotin]
H00003514-P01-10ug	Recombinant Human Kappa Light Chain GST (N-Term) Protein
243-B3-002	TGF-beta 3 [Unconjugated]
NB7463	Goat anti-Human Kappa Light Chain Secondary Antibody

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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