

# Product Datasheet

## Kappa Light Chain Antibody (RM103) NBP2-62003

Unit Size: 100 ug

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

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**NBP2-62003****Kappa Light Chain Antibody (RM103)**

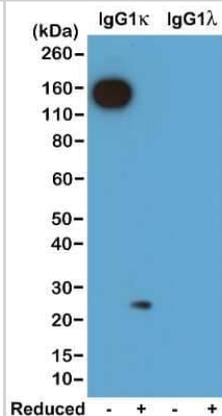
<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	RM103
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50% Glycerol/PBS, 1% BSA

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Kappa Light Chain Antibody (RM103) (NBP2-62003) is a recombinant monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3514
<b>Gene Symbol</b>	IGKC
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Mouse IgG

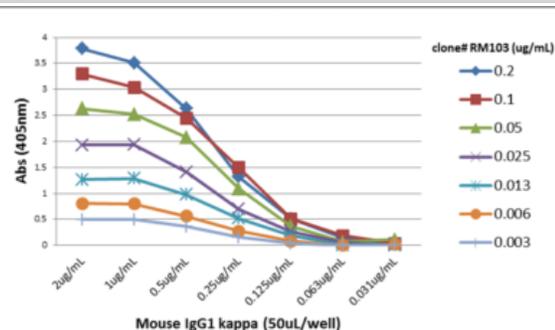
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 0.1ug/ml-0.5ug/ml, ELISA 0.005ug/ml-0.2ug/ml

## Images

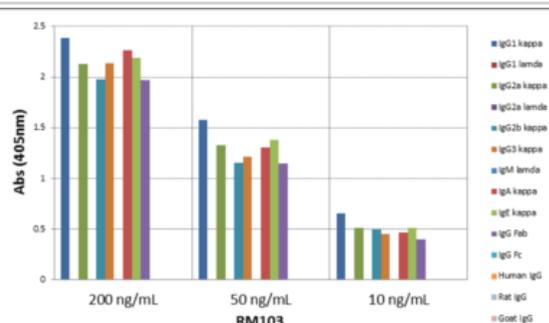
Western Blot: Kappa Light Chain Antibody (RM103) [Unconjugated] [NBP2-62003] - Western blot of nonreduced(-) and reduced(+) mouse IgG1 kappa and IgG1 lambda, using NBP2-62003. This antibody reacts to nonreduced IgG1k (~150 kDa), and slightly reacts to reduced kappa light chain (~25 kDa).



ELISA: Kappa Light Chain Antibody (RM103) - Azide and BSA Free [NBP2-62003] - A titer ELISA of mouse IgG1k. The plate was coated with different amounts of mouse IgG1k. A serial dilution of RM103 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



ELISA: Kappa Light Chain Antibody (RM103) - Azide and BSA Free [NBP2-62003] - 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 (H + L), rat IgG (H + L), or goat IgG (H + L). 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 NBP2-62003**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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