

# Product Datasheet

## Ly6K Antibody - BSA Free NBP2-24405

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-24405**

Ly6K Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

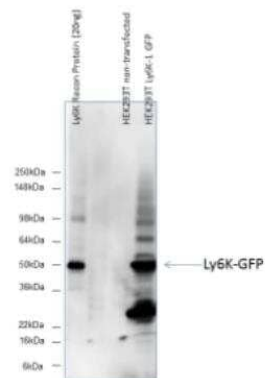
Product Description	
Description	Novus Biologicals Rabbit Ly6K Antibody - BSA Free (NBP2-24405) is a polyclonal antibody validated for use in WB and ELISA. Anti-Ly6K Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54742
Gene Symbol	LY6K
Species	Human
Immunogen	Reacts with residues 82-100 RQRDPEDSQRTDEGDNRVW of the 14 kDa human Ly-6K protein.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA 1:100-1:2000
Application Notes	WB reported in a verified customer review.



## Images

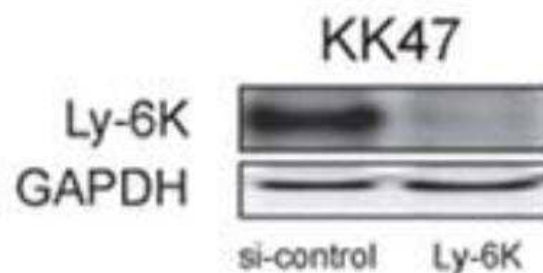
Western Blot: Ly6K Antibody [NBP2-24405] - Analysis using Ly6K protein with GST-tag, non-transfected control in HEK293T cells, HEK293T cells transfected with Ly6K-GFP construct. Image from a verified customer review.



Western Blot: Ly6K Antibody [NBP2-24405] - Analysis of Ly-6K in T24 bladder carcinoma cells using NBP2-24405. A. Ly-6K expression was seen in Ly-6K transfected (T24/Ly-6K-TF) but not untransfected T24 cells. B. Ly-6K siRNA, but not scrambled siRNA knocked down Ly-6K expression in the



Western Blot: Ly6K Antibody [NBP2-24405] - Analysis of Ly-6K in KK47 human bladder carcinoma cells using NBP2-24405. LY-6K siRNA, but not scrambled siRNA knocked down Ly-6K expression. A GAPDH antibody was used as a protein loading control. Data courtesy of Masuda et al.



## Publications

Matsuda R, Enokida H, Chiyomaru T et al. LY6K is a novel molecular target in bladder cancer on basis of integrate genome-wide profiling. *Br J Cancer*. 2011-01-18 [PMID: 21063397] (WB)

Details:  
WB (BOY, KK and T24 bladder carcinoma cell lines): Fig 4A: Boy and KK47 with scrambled or LY6K siRNA knockdown Fig 5A: T24 control and stably transfected with LY6K (T24/LY6K-TF) Fig 6A: T24/LY6K-TF with scrambled or LY6K siRNA knockdown Note: The specific



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### **Products Related to NBP2-24405**

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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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