

# Product Datasheet

## cGK1/PRKG1 Antibody (OTI9G4) - Azide and BSA Free NBP2-71227

Unit Size: 100 ug

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

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**NBP2-71227**

cGK1/PRKG1 Antibody (OTI9G4) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI9G4
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	77.6 kDa

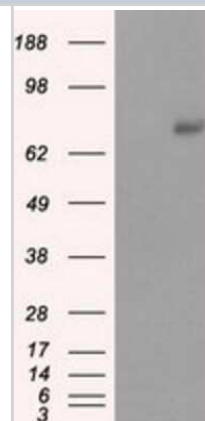
Product Description	
Host	Mouse
Gene ID	5592
Gene Symbol	PRKG1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human PRKG1 (NP_006249) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:3000, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100

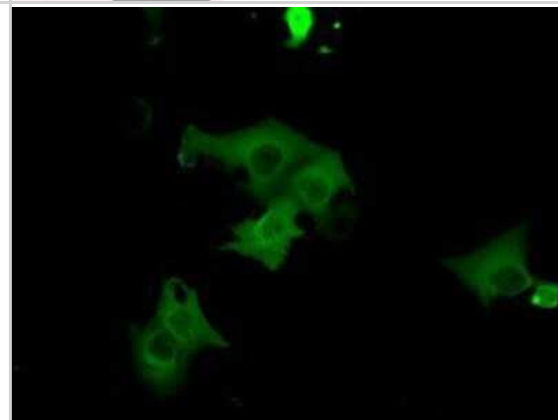


## Images

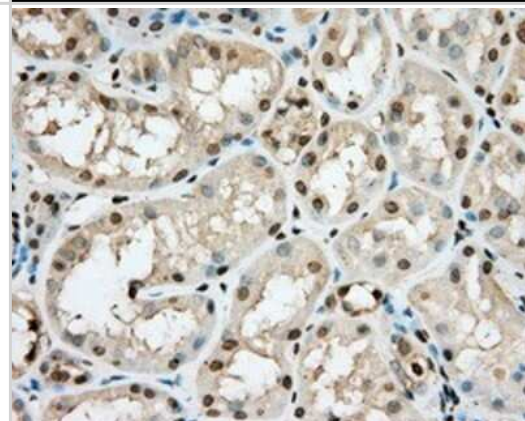
Western Blot: cGK1/PRKG1 Antibody (OTI9G4) - Azide and BSA Free [NBP2-71227] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY cGK1/PRKG1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-cGK1/PRKG1.



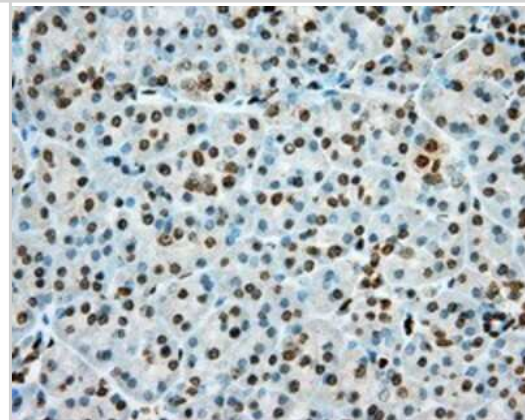
Immunocytochemistry/Immunofluorescence: cGK1/PRKG1 Antibody (OTI9G4) - Azide and BSA Free [NBP2-71227] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY cGK1/PRKG1.



Immunohistochemistry: cGK1/PRKG1 Antibody (OTI9G4) - Azide and BSA Free [NBP2-71227] - Staining of paraffin-embedded Kidney tissue using anti-cGK1/PRKG1 mouse monoclonal antibody.



Immunohistochemistry: cGK1/PRKG1 Antibody (OTI9G4) - Azide and BSA Free [NBP2-71227] - Staining of paraffin-embedded pancreas tissue using anti-cGK1/PRKG1 mouse monoclonal antibody.





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### **Products Related to NBP2-71227**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00005592-P01-10ug	Recombinant Human cGK1/PRKG1 GST (N-Term) Protein

### **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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