

# Product Datasheet

## Guanylate kinase Antibody (OTI4A8) NBP2-00594

Unit Size: 0.1 ml

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

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**NBP2-00594**

## Guanylate kinase Antibody (OTI4A8)

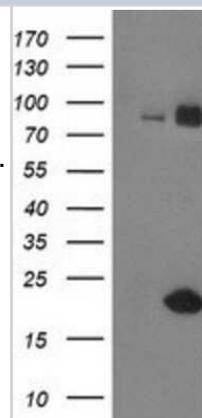
Product Information	
Unit Size	0.1 ml
Concentration	0.47 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4A8
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	21.5 kDa

Product Description	
Host	Mouse
Gene ID	2987
Gene Symbol	GUK1
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 GUK1 (NP_000849) produced in HEK293T cell.

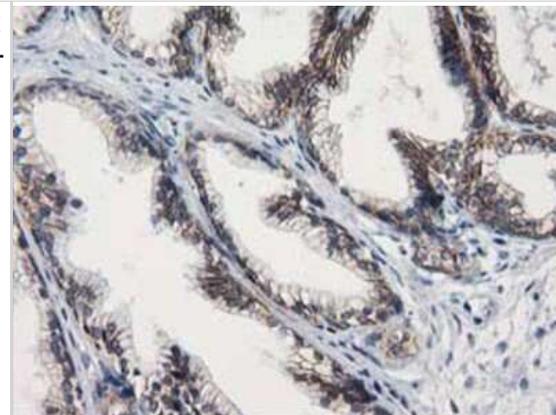
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150

**Images**

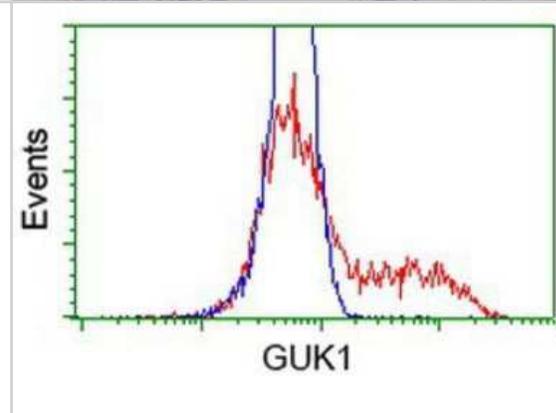
Western Blot: Guanylate kinase Antibody (4A8) [NBP2-00594] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Guanylate kinase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Guanylate kinase.



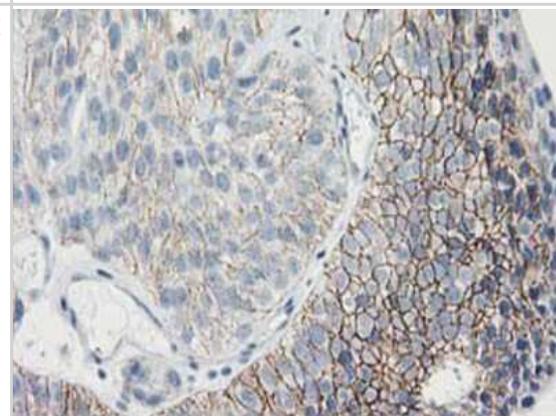
Immunohistochemistry-Paraffin: Guanylate kinase Antibody (4A8) [NBP2-00594] Staining of paraffin-embedded Human prostate tissue using anti-Guanylate kinase mouse monoclonal antibody.



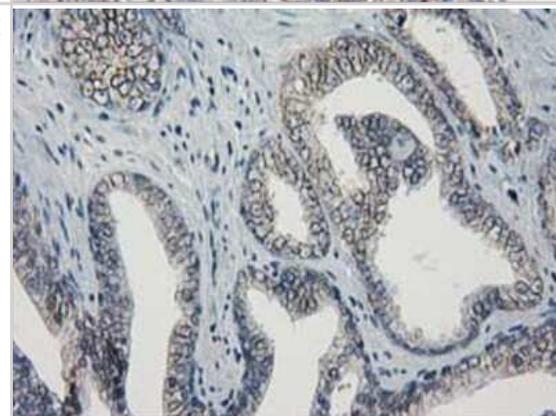
Flow Cytometry: Guanylate kinase Antibody (4A8) [NBP2-00594] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Guanylate kinase antibody, and then analyzed by flow cytometry.



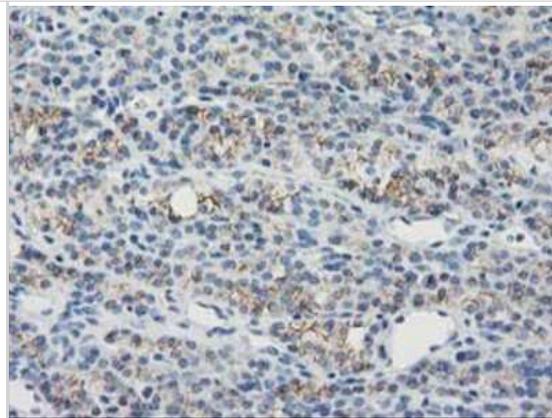
Immunohistochemistry-Paraffin: Guanylate kinase Antibody (4A8) [NBP2-00594] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-Guanylate kinase mouse monoclonal antibody.



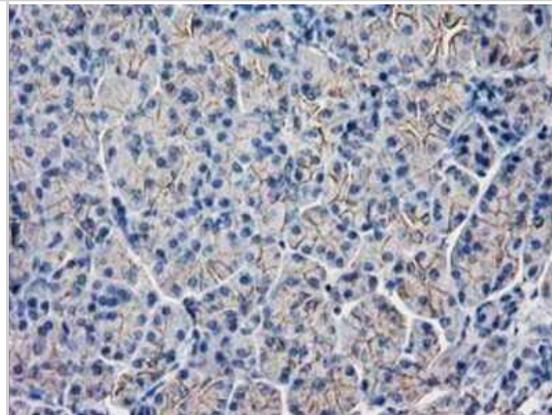
Immunohistochemistry-Paraffin: Guanylate kinase Antibody (4A8) [NBP2-00594] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-Guanylate kinase mouse monoclonal antibody.



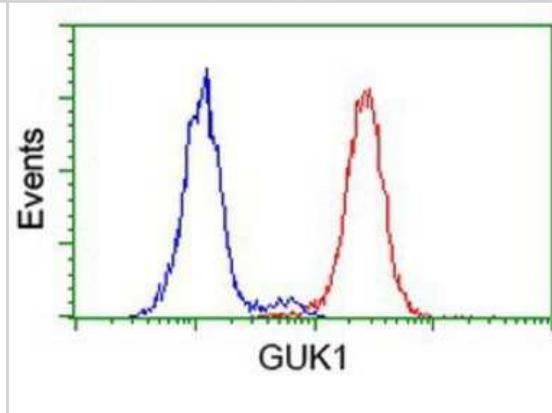
Immunohistochemistry-Paraffin: Guanylate kinase Antibody (4A8) [NBP2-00594] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-Guanylate kinase mouse monoclonal antibody.



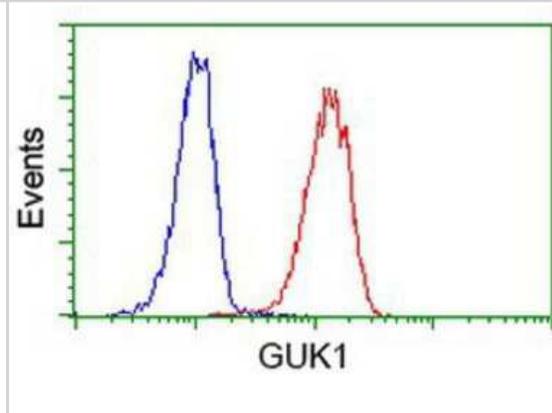
Immunohistochemistry-Paraffin: Guanylate kinase Antibody (4A8) [NBP2-00594] - Staining of paraffin-embedded Human pancreas tissue using anti-Guanylate kinase mouse monoclonal antibody.



Flow Cytometry: Guanylate kinase Antibody (4A8) [NBP2-00594] - Analysis of Hela cells, using anti-Guanylate kinase antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: Guanylate kinase Antibody (4A8) [NBP2-00594] - Analysis of Jurkat cells, using anti-Guanylate kinase antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-00594**

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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)
NBP2-76521PEP	Guanylate kinase Recombinant Protein Antigen

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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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