

# Product Datasheet

## PGK1 Antibody - BSA Free NBP2-19784

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

**Reviews: 1 Publications: 1**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-19784](http://www.novusbio.com/NBP2-19784)

Updated 9/9/2025 v.20.1

**Earn rewards for product  
reviews and publications.**

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-19784](http://www.novusbio.com/reviews/destination/NBP2-19784)



**NBP2-19784**

PGK1 Antibody - BSA Free

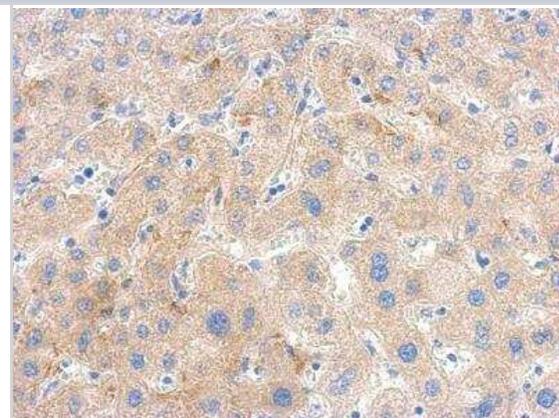
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	45 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit PGK1 Antibody - BSA Free (NBP2-19784) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-PGK1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5230
<b>Gene Symbol</b>	PGK1
<b>Species</b>	Human, Mouse, Rat, Yeast
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Zebrafish (87%), Xenopus laevis (84%), Chicken (88%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human PGK1. The exact sequence is proprietary.

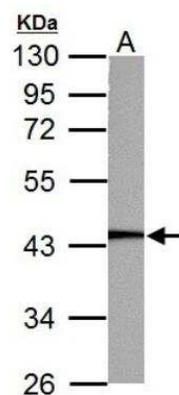
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Proximity Ligation Assay
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:20-1:1000, Immunoprecipitation Assay dependent, Immunohistochemistry-Paraffin 1:100-1:1000, Proximity Ligation Assay Assay dependent

**Images**

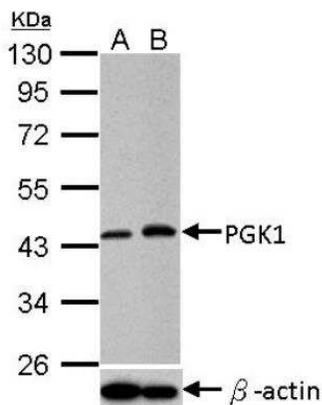
Immunohistochemistry-Paraffin: PGK1 Antibody [NBP2-19784] - Analysis of paraffin-embedded hepatoma, using antibody at 1:500 dilution.



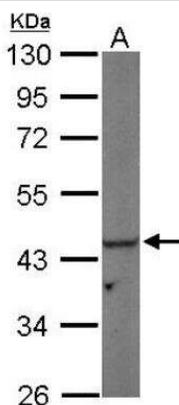
Western Blot: PGK1 Antibody [NBP2-19784] - PGK1 antibody detects PGK1 protein by Western blot analysis. 50 ug Rat liver lysate/extract, 10% SDS-PAGE, PGK1 antibody dilution: 1:1000.



Western Blot: PGK1 Antibody [NBP2-19784] - PGK1 antibody detects PGK1 protein in 1% O<sub>2</sub>-treated samples by Western blot analysis. Upper panel: PGK1 antibody. Lower panel: beta Actin antibody. A: 30 ug HeLa whole cell lysate/extract (untreated). B: 30 ug HeLa whole cell lysate/extract (1% O<sub>2</sub> treatment for 24 hours).



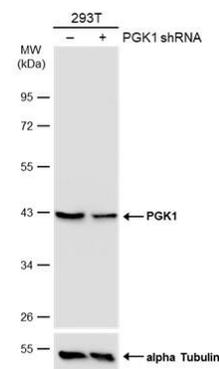
Western Blot: PGK1 Antibody [NBP2-19784] - 50 ug mouse brain whole cell lysate, 10% SDS PAGE, antibody at 1:1000.



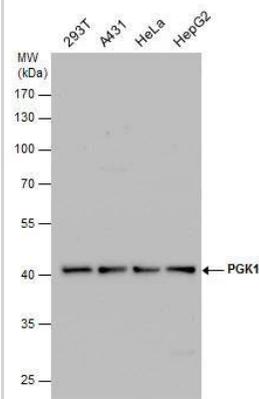
Immunocytochemistry/Immunofluorescence: PGK1 Antibody [NBP2-19784] - Analysis of methanol-fixed HeLa, using antibody at 1:50 dilution.



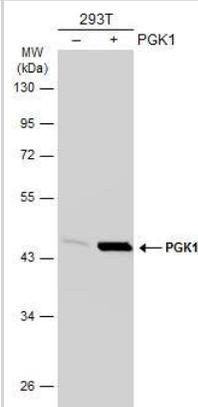
Western Blot: PGK1 Antibody [NBP2-19784] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PGK1 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



PGK1 antibody detects PGK1 protein by western blot analysis. Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PGK1 antibody (NBP2-19784) diluted by 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PGK1 antibody (NBP2-19784) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



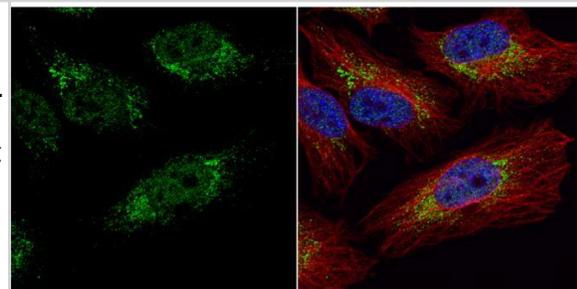
PGK1 antibody detects PGK1 protein at cytoplasm and nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: PGK1 protein stained by PGK1 antibody (NBP2-19784) diluted at 1:20.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [B-5-1-2] diluted at 1:10000.

Blue: Hoechst 33342 staining.



## Publications

Khurana N, Laskar S, Bhattacharyya MK, Bhattacharyya S. Hsp90 induces increased genomic instability towards DNA damaging agents by tuning down RAD53 transcription. Mol. Biol. Cell 2016-06-15 [PMID: 27307581] (WB)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-19784**

---

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

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-19784](http://www.novusbio.com/reviews/submit/NBP2-19784)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

