

# Product Datasheet

## PTK9 Antibody (7C11) - BSA Free NBP2-37456

Unit Size: 0.1 ml

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

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### Publications: 1

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Updated 9/9/2025 v.20.1

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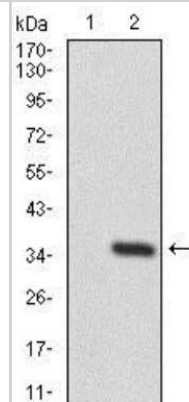
**NBP2-37456**

PTK9 Antibody (7C11) - BSA Free

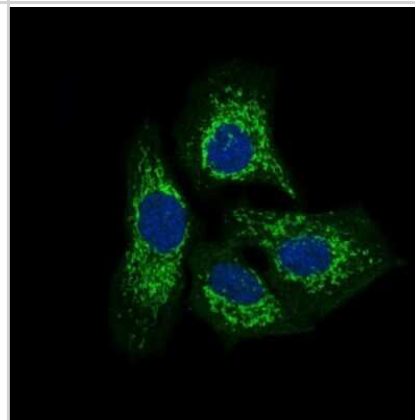
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	7C11
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	40.3 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse PTK9 Antibody (7C11) - BSA Free (NBP2-37456) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-PTK9 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	5756
<b>Gene Symbol</b>	TWF1
<b>Species</b>	Human
<b>Immunogen</b>	Purified recombinant fragment of human PTK9 (AA: 335-384) expressed in E. Coli.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:200 - 1:1000, CyTOF-ready
<b>Application Notes</b>	This antibody is Cytof ready.

## Images

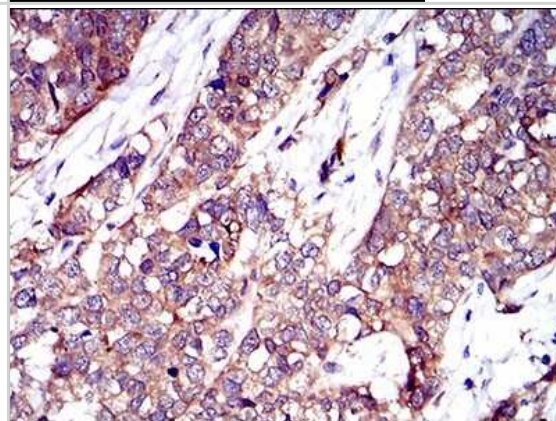
Western Blot: PTK9 Antibody (7C11) [NBP2-37456] - Western blot analysis using TWF1 mAb against HEK293 (1) and TWF1 (AA: 335-384)-hlgGfc transfected HEK293 (2) cell lysate.



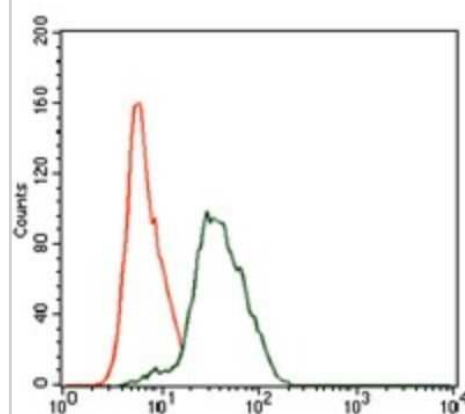
Immunocytochemistry/Immunofluorescence: PTK9 Antibody (7C11) [NBP2-37456] - Immunofluorescence analysis of HeLa cells using TWF1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



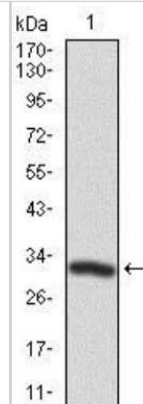
Immunohistochemistry: PTK9 Antibody (7C11) [NBP2-37456] - Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using TWF1 mouse mAb with DAB staining.



Flow Cytometry: PTK9 Antibody (7C11) [NBP2-37456] - Flow cytometric analysis of HeLa cells using TWF1 mouse mAb (green) and negative control (red).



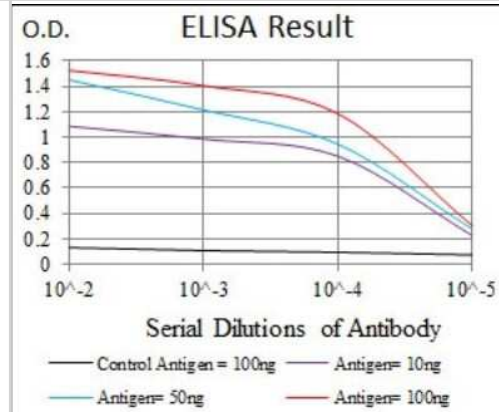
Western Blot: PTK9 Antibody (7C11) [NBP2-37456] - Western blot analysis using TWF1 mAb against human TWF1 recombinant protein. (Expected MW is 31.1 kDa)



Immunohistochemistry: PTK9 Antibody (7C11) [NBP2-37456] - Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using TWF1 mouse mAb with DAB staining.



ELISA: PTK9 Antibody (7C11) [NBP2-37456] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Guan J, Lin H, Xie M, et al. Higenamine exerts an antispasmodic effect on cold induced vasoconstriction by regulating the PI3K/Akt, ROS/ $\alpha$ 2C AR and PTK9 pathways independently of the AMPK/eNOS/NO axis Exp Ther Med 2019-06-10 [PMID: 31316621] (WB, Human)



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### **Products Related to NBP2-37456**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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