

# Product Datasheet

## TAK1 Antibody (JM73-19) NBP2-67180

Unit Size: 100 ul

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

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**NBP2-67180**

TAK1 Antibody (JM73-19)

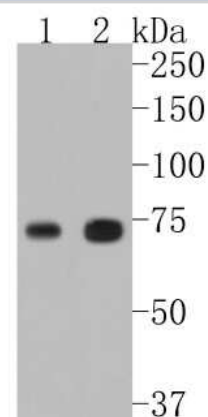
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM73-19
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	6885
Gene Symbol	MAP3K7
Species	Human, Mouse
Immunogen	Synthetic peptide within C-terminal human TAK1. (SwissProt: O43318 Human; SwissProt: Q62073 Mouse)

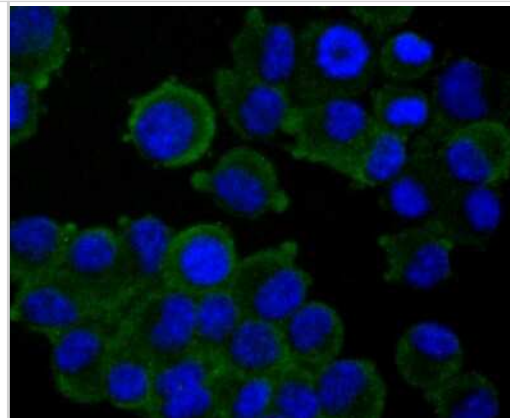
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:100, Immunohistochemistry-Paraffin 1:50-1:100

**Images**

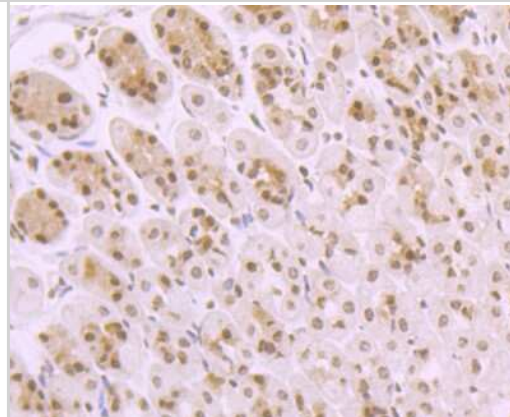
Western Blot: TAK1 Antibody (JM73-19) [NBP2-67180] - Western blot analysis of TAK1 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: MCF-7 cell lysate Lane 2: A431 cell lysate



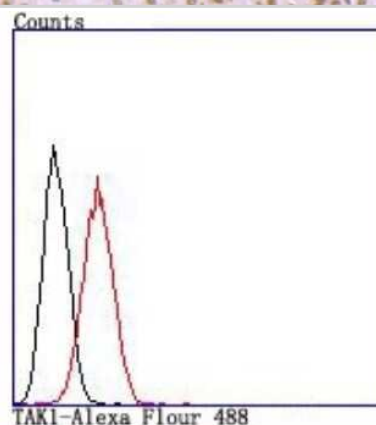
Immunocytochemistry/Immunofluorescence: TAK1 Antibody (JM73-19) [NBP2-67180] - Staining TAK1 in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



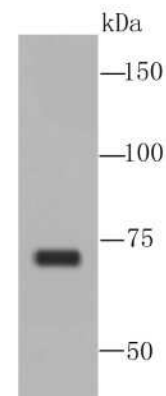
Immunohistochemistry-Paraffin: TAK1 Antibody (JM73-19) [NBP2-67180] - Analysis of paraffin-embedded mouse stomach tissue using anti-TAK1 antibody. Counter stained with hematoxylin.



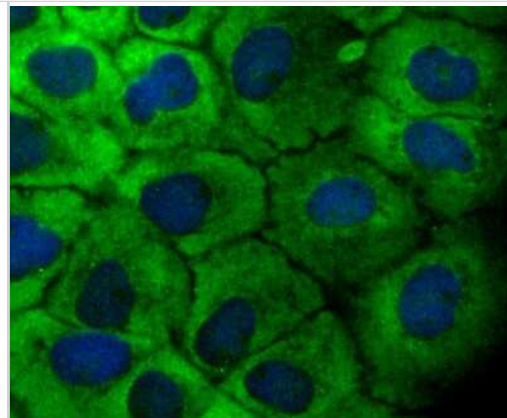
Flow Cytometry: TAK1 Antibody (JM73-19) [NBP2-67180] - Analysis of A431 cells with TAK1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



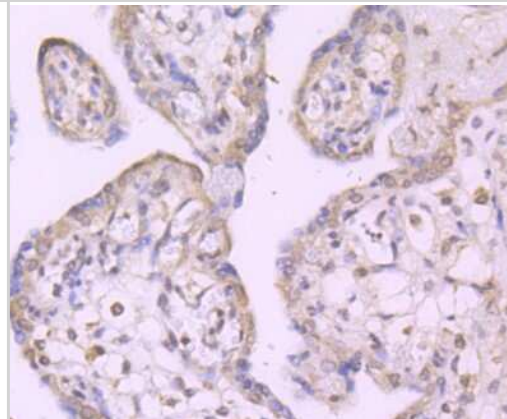
Western Blot: TAK1 Antibody (JM73-19) [NBP2-67180] - Analysis of TAK1 on human placenta tissue lysate using anti-TAK1 antibody at 1/1,000 dilution.



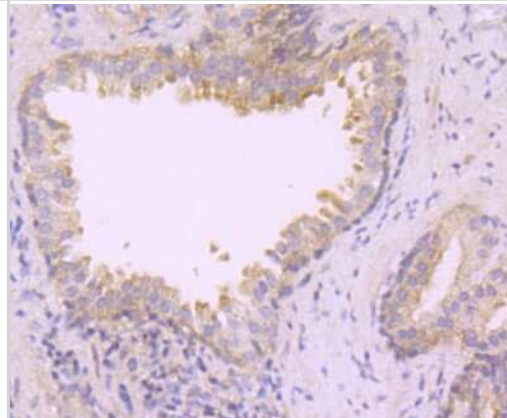
Immunocytochemistry/Immunofluorescence: TAK1 Antibody (JM73-19) [NBP2-67180] - Staining TAK1 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: TAK1 Antibody (JM73-19) [NBP2-67180] - Analysis of paraffin-embedded human placenta tissue using anti-TAK1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: TAK1 Antibody (JM73-19) [NBP2-67180] - Analysis of paraffin-embedded human prostate tissue using anti-TAK1 antibody. Counter stained with hematoxylin.





### **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

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006885-P01-10ug	Recombinant Human TAK1 GST (N-Term) Protein

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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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