

# Product Datasheet

## MVK Antibody (OTI 1D7) - Azide and BSA Free NBP2-72837

Unit Size: 100 ug

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

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



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-72837](http://www.novusbio.com/NBP2-72837)

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/NBP2-72837](http://www.novusbio.com/reviews/destination/NBP2-72837)



**NBP2-72837**

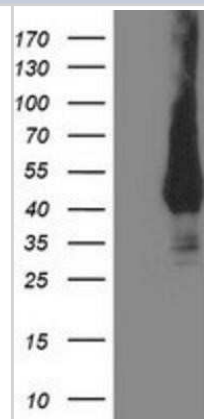
MVK Antibody (OTI 1D7) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ug                                                                                                                                                                                                                           |
| Concentration               | LYOPH mg/ml                                                                                                                                                                                                                      |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                         |
| Clonality                   | Monoclonal                                                                                                                                                                                                                       |
| Clone                       | OTI 1D7                                                                                                                                                                                                                          |
| 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                     | IgG2a                                                                                                                                                                                                                            |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                                      |
| Buffer                      | Lyophilized from PBS (pH 7.3) with 8% Trehalose                                                                                                                                                                                  |
| Target Molecular Weight     | 42.3 kDa                                                                                                                                                                                                                         |
| Product Description         |                                                                                                                                                                                                                                  |
| Description                 | Novus Biologicals Mouse MVK Antibody (OTI 1D7) - Azide and BSA Free (NBP2-00775) is a monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.          |
| Host                        | Mouse                                                                                                                                                                                                                            |
| Gene ID                     | 4598                                                                                                                                                                                                                             |
| Gene Symbol                 | MVK                                                                                                                                                                                                                              |
| Species                     | Human                                                                                                                                                                                                                            |
| Immunogen                   | Full length human recombinant protein of human MVK (NP_000422) produced in HEK293T cell.                                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                                                  |
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence                                                                                                                                                            |
| Recommended Dilutions       | Western Blot 1:2000, Flow Cytometry, Immunocytochemistry/ Immunofluorescence 1:100                                                                                                                                               |

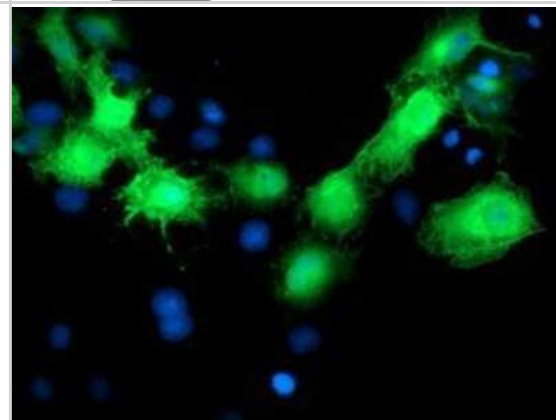


## Images

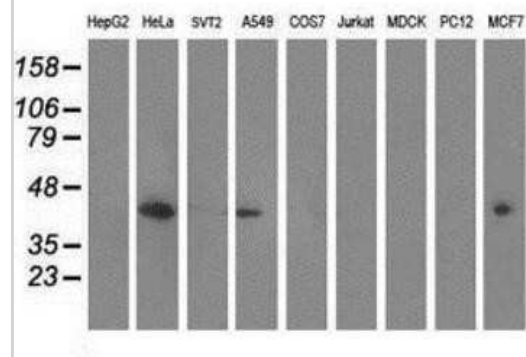
Western Blot: MVK Antibody (OTI 1D7) - Azide and BSA Free [NBP2-72837] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MVK (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MVK.



Flow Cytometry: MVK Antibody (OTI 1D7) - Azide and BSA Free [NBP2-72837] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY MVK.



Western Blot: MVK Antibody (OTI 1D7) - Azide and BSA Free [NBP2-72837] - Analysis of extracts (35ug) from 9 different cell lines by using anti-MVK monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-72837**

---

|               |                                                         |
|---------------|---------------------------------------------------------|
| HAF007        | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B       | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96778    | Mouse IgG2a Isotype Control (M2A)                       |
| NBP3-17741PEP | MVK Recombinant Protein Antigen                         |

---

### **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/NBP2-72837](http://www.novusbio.com/reviews/submit/NBP2-72837)

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

