

# Product Datasheet

## 7-Ketocholesterol Antibody (3F7) NBP2-59357

Unit Size: 100 ug

Store at -20C.

[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/NBP2-59357](http://www.novusbio.com/NBP2-59357)

Updated 1/13/2025 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/NBP2-59357](http://www.novusbio.com/reviews/destination/NBP2-59357)



**NBP2-59357****7-Ketocholesterol Antibody (3F7)****Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3F7
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG3
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.4), 50% Glycerol

**Product Description**

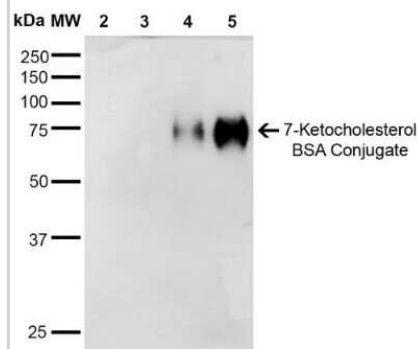
<b>Host</b>	Mouse
<b>Species</b>	Non-species specific
<b>Specificity/Sensitivity</b>	Specific for 7-ketocholesterol modified proteins.
<b>Immunogen</b>	Synthetic 7-Ketocholesterol conjugated to Keyhole Limpet Hemocyanin (KLH).

**Product Application Details**

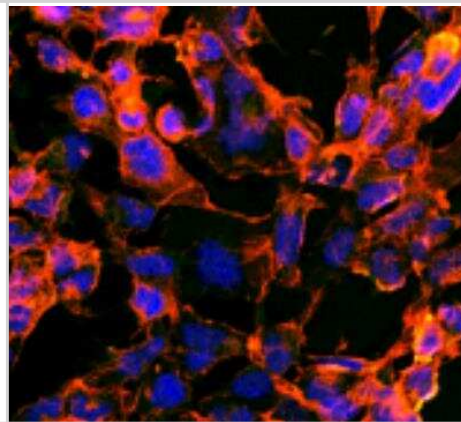
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000, ELISA 1:1000, Immunocytochemistry/ Immunofluorescence 1:50

**Images**

Western Blot: 7-Ketocholesterol Antibody (3F7) [NBP2-59357] - Western Blot analysis of 7-Ketocholesterol-BSA Conjugate showing detection of 67 kDa 7-Ketocholesterol protein using Mouse Anti-7-Ketocholesterol Monoclonal Antibody, Clone 3F7 (NBP2-59357). Lane 1: Molecular Weight Ladder (MW). Lane 2: BSA (0.5 ug). Lane 3: BSA (2.0 ug). Lane 4: 7-ketocholesterol-BSA (0.5 ug). Lane 5: 7-ketocholesterol-BSA (2.0 ug). Block: 5% Skim Milk in TBST. Primary Antibody: Mouse Anti-7-Ketocholesterol Monoclonal Antibody (NBP2-59357) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 5 min in RT. Predicted/Observed Size: 67 kDa.



Immunocytochemistry/Immunofluorescence: 7-Ketocholesterol Antibody (3F7) [NBP2-59357] - Tissue: Embryonic kidney cells (HEK293). Species: Human. Fixation: 5% Formaldehyde for 5 min. Primary Antibody: Mouse Anti-7-Ketocholesterol Monoclonal Antibody at 1:50 for 30-60 min at RT. Secondary Antibody: Goat Anti-Mouse Alexa Fluor 488 at 1:1500 for 30-60 min at RT. Counterstain: Phalloidin Alexa Fluor 633 F-Actin stain; DAPI (blue) nuclear stain at 1:250, 1:50000 for 30-60 min at RT. Magnification: 20X (2X Zoom). . Courtesy of: Dr. Robert Burke, University of Victoria.





### **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](mailto: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](mailto: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](mailto:info.EMEA@bio-techne.com)

### **General Contact Information**

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

Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)

Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **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/NBP2-59357](http://www.novusbio.com/reviews/submit/NBP2-59357)

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

