

# Product Datasheet

## Mucolipin 1 Antibody - BSA Free NBP1-92152

Unit Size: 0.1 ml

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

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



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

### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-92152](http://www.novusbio.com/NBP1-92152)

Updated 3/4/2026 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/NBP1-92152](http://www.novusbio.com/reviews/destination/NBP1-92152)



**NBP1-92152**

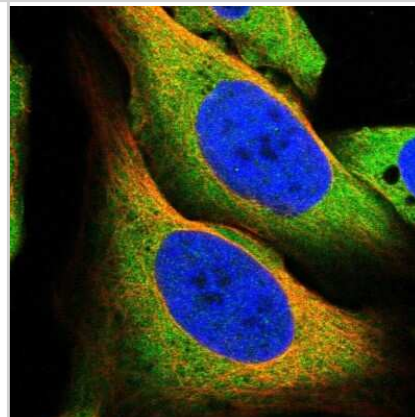
Mucolin 1 Antibody - BSA Free

<b>Product Information</b>	
<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>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	57192
<b>Gene Symbol</b>	MCOLN1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Mouse 87%, Rat 85%
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: DTIKHPGGAGAESESELQAYIAQCQDSPTSGKFRRGSGSACSLCCGRDPSE
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Flow Cytometry Reported in scientific literature (PMID:31950548)., Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Knockdown Validated Reported in scientific literature ((PMID: 31950548)
<b>Application Notes</b>	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

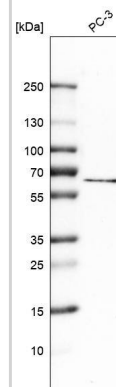


## Images

Immunocytochemistry/Immunofluorescence: Mucolipin 1 Antibody [NBP1-92152] - Staining of human cell line U-2 OS shows localization to plasma membrane & cytosol. Antibody staining is shown in green.



Analysis in human cell line PC-3.



## Publications

Shi J, Li X, Ding J et al. Transient Receptor Potential Mucolipin-1 Participates in Intracerebral Hemorrhage-Induced Secondary Brain Injury by Inducing Neuroinflammation and Neuronal Cell Death *Neuromolecular medicine* 2023-02-04 [PMID: 36737508]

Khan N, Halcrow PW, Lakpa KL et al. Two-pore channels regulate Tat endolysosome escape and Tat-mediated HIV-1 LTR transactivation *FASEB J.* 2020-01-16 [PMID: 31950548] (KD, FLOW)

Fernandez-Mosquera, L;Yambire, KF;Couto, R;Pereyra, L;Pabis, K;Ponsford, AH;Diogo, CV;Stagi, M;Milosevic, I;Raimundo, N; Mitochondrial respiratory chain deficiency inhibits lysosomal hydrolysis *Autophagy* 2019-03-27 [PMID: 30917721] (WB, 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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-92152**

---

NBP1-92152PEP	Mucolipin 1 Recombinant Protein Antigen
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/NBP1-92152](http://www.novusbio.com/reviews/submit/NBP1-92152)

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

