

# Product Datasheet

## MFF Antibody (HL1312) NBP3-48651

Unit Size: 100 ul

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)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-48651](http://www.novusbio.com/NBP3-48651)

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/NBP3-48651](http://www.novusbio.com/reviews/destination/NBP3-48651)



**NBP3-48651**

MFF Antibody (HL1312)

| <b>Product Information</b> |  |
|----------------------------|--|
| <b>Unit Size</b>           | 100 ul   |
| <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>           | Monoclonal   |
| <b>Clone</b>               | HL1312   |
| <b>Preservative</b>        | No Preservative  |
| <b>Isotype</b>             | IgG  |
| <b>Purity</b>              | Protein A purified   |
| <b>Buffer</b>              | PBS  |

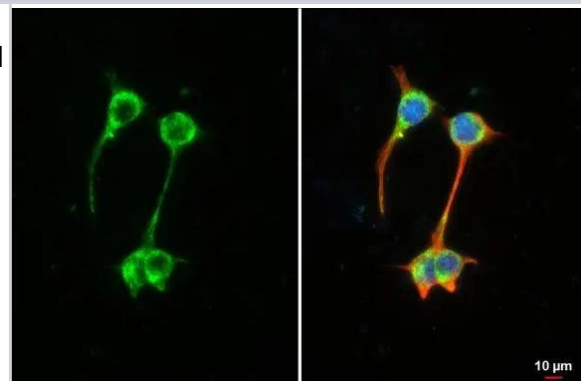
| <b>Product Description</b> |  |
|----------------------------|--|
| <b>Description</b>         | Novus Biologicals Rabbit MFF Antibody (HL1312) (NBP3-48651) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Rabbit   |
| <b>Gene ID</b>             | 56947  |
| <b>Gene Symbol</b>         | MFF  |
| <b>Species</b>             | Human  |
| <b>Immunogen</b>           | Recombinant protein encompassing a sequence within the center region of human MFF. The exact sequence is proprietary.  |

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Western Blot, Immunocytochemistry/ Immunofluorescence              |
| <b>Recommended Dilutions</b>       | Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence |

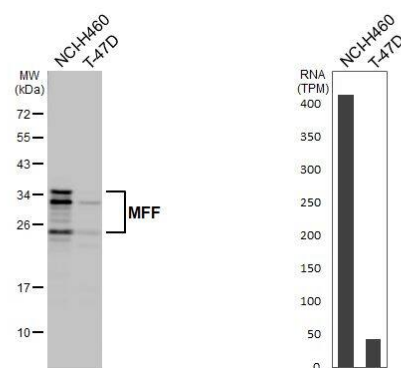


## Images

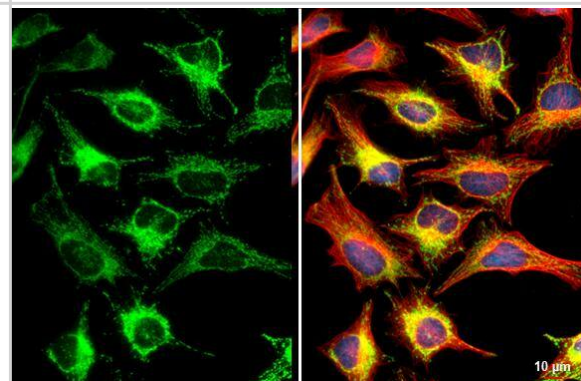
MFF antibody [HL1312] detects MFF protein at mitochondria by immunofluorescent analysis. Sample: U87-MG cells were fixed in ice-cold MeOH for 5 min. Green: MFF stained by MFF antibody [HL1312] (NBP3-48651) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] diluted at 1:1000. Blue: Fluoroshield with DAPI .



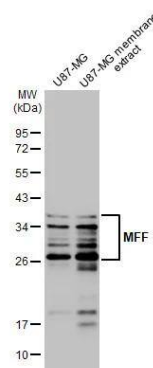
Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with MFF antibody [HL1312] (NBP3-48651) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



MFF antibody [HL1312] detects MFF protein at mitochondria by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: MFF stained by MFF antibody [HL1312] (NBP3-48651) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] diluted at 1:1000. Blue: Fluoroshield with DAPI . Scale bar= 10 um.



U87-MG whole cell and membrane extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with MFF antibody [HL1312] (NBP3-48651) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





### **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 NBP3-48651**

---

|             |   |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| 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/NBP3-48651](http://www.novusbio.com/reviews/submit/NBP3-48651)

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

