

# Product Datasheet

## USP48 Antibody (3G4) - Azide and BSA Free H00084196-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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



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

**Reviews: 1 Publications: 1**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:

[www.novusbio.com/H00084196-M01](http://www.novusbio.com/H00084196-M01)

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/H00084196-M01](http://www.novusbio.com/reviews/destination/H00084196-M01)



**H00084196-M01**

USP48 Antibody (3G4) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3G4
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4

**Product Description**

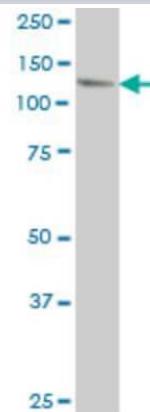
<b>Description</b>	Novus Biologicals Mouse USP48 Antibody (3G4) - Azide and BSA Free (H00084196-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-USP48 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	84196
<b>Gene Symbol</b>	USP48
<b>Species</b>	Human
<b>Reactivity Notes</b>	Other species not tested.
<b>Specificity/Sensitivity</b>	USP48 - ubiquitin specific protease 48
<b>Immunogen</b>	USP48 (NP_115612, 110 a.a. ~ 219 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa. NLELRQALYLCPSCTSDYMLGDGIQEEKDYEPQTICEHLQYLALLQNSNRRYIDPSGFVKALGLDTGQQQDAQEFSKLFMSLLEDTLSKQKNPDVRNIVQQQFCGEYAY
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

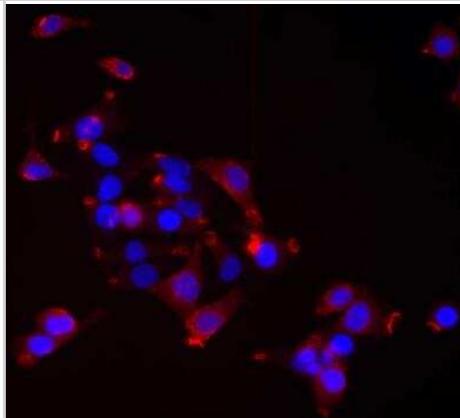
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:10-1:500, Sandwich ELISA
<b>Application Notes</b>	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA. USP48 Antibody (3G4) validated for ICC/IF from a verified customer review.

## Images

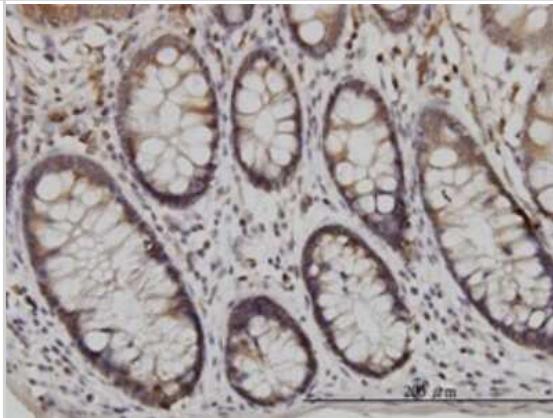
Western Blot: USP48 Antibody (3G4) [H00084196-M01] - USP48 monoclonal antibody (M01), clone 3G4 Analysis of USP48 expression in HeLa.



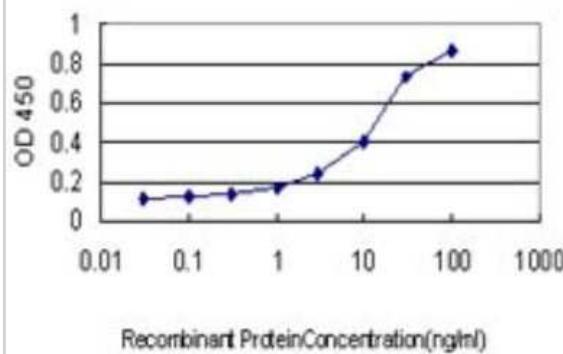
Immunocytochemistry/Immunofluorescence: USP48 Antibody (3G4) [H00084196-M01] - HeLa cells were incubated for 1h at 37C with USP48 Antibody, followed by incubation with Donkey anti-mouse AF 594. ICC/IF image submitted by a verified customer review.



Immunohistochemistry-Paraffin: USP48 Antibody (3G4) [H00084196-M01] - Analysis of monoclonal antibody to USP48 on formalin-fixed paraffin-embedded human colon. Antibody concentration 3 ug/ml.



Sandwich ELISA: USP48 Antibody (3G4) [H00084196-M01] - Detection limit for recombinant GST tagged USP48 is approximately 0.3ng/ml as a capture antibody.



## Publications

Sissy B, Edward B, Mireille R et al. Variants in USP48 encoding ubiquitin hydrolase are associated with autosomal dominant non-syndromic hereditary hearing loss. *Hum Mol Genet*. 2021-05-31 [PMID: 34059922]



## 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](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)

## Products Related to H00084196-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-83751PEP	USP48 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/H00084196-M01](http://www.novusbio.com/reviews/submit/H00084196-M01)

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