

# Product Datasheet

## Actin Gamma 1 Antibody (NH3) [Alexa Fluor® 488] **NB100-64792AF488**

Unit Size: 0.25 ml

Store at 4C in the dark.

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



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

### Reviews: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-64792AF488](http://www.novusbio.com/NB100-64792AF488)

Updated 9/10/2023 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/NB100-64792AF488](http://www.novusbio.com/reviews/destination/NB100-64792AF488)



**NB100-64792AF488**

Actin Gamma 1 Antibody (NH3) [Alexa Fluor® 488]

**Product Information**

<b>Unit Size</b>	0.25 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	NH3
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgM
<b>Conjugate</b>	Alexa Fluor 488
<b>Purity</b>	IgM purified
<b>Buffer</b>	50 mM Sodium Borate

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	71
<b>Gene Symbol</b>	ACTG1
<b>Species</b>	Human, Mouse, Rat, Rabbit
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	Recognizes human Filamentous actin (F-actin). The binds to the N-terminal region of actin, but not to the extreme N-terminal 40 amino acids. In tissue sections the stains the cytoplasm of macrophages strongly, and gives granular, localized nuclear staining of all cell types.
<b>Immunogen</b>	Human monocytes and U937 cell line
<b>Notes</b>	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen



### 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)

### 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/NB100-64792AF488](http://www.novusbio.com/reviews/submit/NB100-64792AF488)**

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