

# Product Datasheet

## TCP1 alpha Antibody (91a) [Alexa Fluor® 405] NBP2-59347AF405

Unit Size: 100 ul

Store at 4C in the dark.

[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/NBP2-59347AF405](http://www.novusbio.com/NBP2-59347AF405)

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/NBP2-59347AF405](http://www.novusbio.com/reviews/destination/NBP2-59347AF405)



**NBP2-59347AF405**

TCP1 alpha Antibody (91a) [Alexa Fluor® 405]

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<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>	91a
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Conjugate</b>	Alexa Fluor 405
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rat
<b>Gene ID</b>	6950
<b>Gene Symbol</b>	TCP1
<b>Species</b>	Human, Mouse, Rat, Porcine, Bovine, Canine, <i>C. elegans</i> , Drosophila, Guinea Pig, Hamster, Monkey, Rabbit, Yeast
<b>Specificity/Sensitivity</b>	Detects 60kDa. Also detects 92kDa. Cross reactivity with human HSP60 has been observed with this in immunoblot analysis. Reacts weakly with <i>Saccharomyces cerevisiae</i> , consistent with the epitope sequence being AKLRS (instead of AKLRA). In <i>C. elegans</i> , it reacts with TCP1 alpha and another CCT subunit. In plants, it recognizes TCP1 of <i>Pisum sativum</i> , and the sequence of <i>Arabidopsis thaliana</i> TCP1 over the region of the epitope AKLRA. It has also been shown that it reacts with a subunit of a specialized chaperonin which folds phytochrome.
<b>Immunogen</b>	Recombinant Mouse TCP1 alpha protein fragment (carboxy terminal region).
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



### **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

### **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/NBP2-59347AF405](http://www.novusbio.com/reviews/submit/NBP2-59347AF405)

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

