

# Product Datasheet

## TCP1 alpha Antibody (91a) [Allophycocyanin/Cy7] NBP2-59347APCCY7

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-59347APCCY7**

TCP1 alpha Antibody (91a) [Allophycocyanin/Cy7]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	91a
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Allophycocyanin/Cy7
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Rat
Gene ID	6950
Gene Symbol	TCP1
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, C. elegans, Drosophila, Guinea Pig, Hamster, Monkey, Rabbit, Yeast
Specificity/Sensitivity	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.
Immunogen	Recombinant Mouse TCP1 alpha protein fragment (carboxy terminal region).
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry
Application Notes	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions.





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### **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.

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