

# Product Datasheet

## TCP1 alpha Antibody (91a) [Alexa Fluor® 700] NBP2-59347AF700

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 9/10/2023 v.20.1

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**NBP2-59347AF700**

TCP1 alpha Antibody (91a) [Alexa Fluor® 700]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	91a
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Alexa Fluor 700
Purity	Protein G purified
Buffer	50mM Sodium Borate

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	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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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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