

# Product Datasheet

## Cyclin A2 Antibody (CCNA2/2333) [Janelia Fluor® 669] NBP3-08789JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-08789JF669**

Cyclin A2 Antibody (CCNA2/2333) [Janelia Fluor® 669]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 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>	CCNA2/2333
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Conjugate</b>	Janelia Fluor 669
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	890
<b>Gene Symbol</b>	CCNA2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	It recognizes a protein of 54kDa, which is identified as cyclin A. Its epitope is located amino acids 144-148 of human Cyclin A2. Cyclins are regulatory subunits of the cyclin-dependent kinases (cdks. These cyclin/cdk complexes are essential for passage through specific stages in the cell cycle. In mammalian somatic cells, cyclin A is required for S-phase and passage through G2-phase. The D and E type cyclins regulate the passage of G1, while cyclin B is a critical regulator of mitosis. Mutation or disruption of normal cyclin A expression causes cells to arrest in G2-phase.
<b>Immunogen</b>	Full length recombinant Cyclin A2 protein (Uniprot: P20248)
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP3-08789JF669**

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NBP1-98953-100ug	Recombinant Human Cyclin A2 His Protein
NBL1-08864	Cyclin A2 Overexpression Lysate
NB600-302	c-Myc Antibody (9E10) - BSA Free
NB500-106	PCNA Antibody (PC10)

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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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