

# Product Datasheet

## Cyclin A2 Antibody (E67) [mFluor Violet 610 SE] NBP2-34613MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34613MFV610**

Cyclin A2 Antibody (E67) [mFluor Violet 610 SE]

Product Information	
<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>	E67
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Conjugate</b>	mFluor Violet 610 SE
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
Product Description	
<b>Host</b>	Mouse
<b>Gene ID</b>	890
<b>Gene Symbol</b>	CCNA2
<b>Species</b>	Human, Mouse, Bovine, Mink, Monkey
<b>Reactivity Notes</b>	African Green Monkey, Mink (Mustela)
<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 bovine Cyclin A2 protein (Uniprot: P20248)
<b>Notes</b>	mFluor(TM) is a trademark of AAT Bioquest, Inc. 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, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

Cyclin A2 Antibody (E67) [mFluor Violet 610 SE] [NBP2-34613MFV610]  
- Vial of mFluor Violet 610 conjugated antibody. mFluor Violet 610 is optimally excited at 421 nm by the Violet laser (405 nm) and has an emission maximum of 613 nm.



mFluor™ Violet 610

LASER (nm)	FILTER
Violet (405)	605/30

EXCITATION MAX (nm)	EMISSION MAX (nm)
421	613



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### **Products Related to NBP2-34613MFV610**

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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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