

# Product Datasheet

## Aurora A Antibody (35C1) - BSA Free NB100-1641

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NB100-1641**

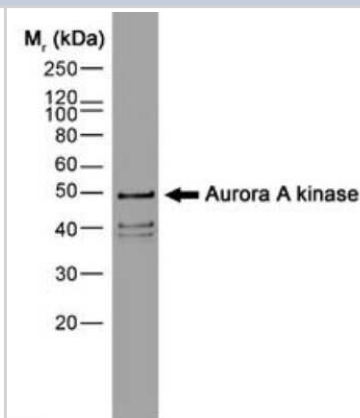
Aurora A Antibody (35C1) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	35C1
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	46 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Aurora A Antibody (35C1) - BSA Free (NB100-1641) is a monoclonal antibody validated for use in WB, ICC/IF and IP. Anti-Aurora A Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	6790
<b>Gene Symbol</b>	AURKA
<b>Species</b>	Human
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. Bovine reactivity reported in scientific literature (PMID: 26168150)
<b>Marker</b>	Mitosis Marker
<b>Specificity/Sensitivity</b>	Recognizes human Aurora-A kinase, a ~46kDa serine/threonine kinase involved in mitotic spindle assembly. Clone 35C1 specifically recognises an epitope within the non-catalytic N-terminal domain of Aurora-A. Clone 35C1 does not inhibit Aurora-A kinase activity.
<b>Immunogen</b>	Recombinant Aurora-A
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500



## Images

Western Blot: Aurora A Antibody (35C1) [NB100-1641] - Analysis using the Biotin conjugate of NB100-1641. Detection of recombinant Aurora-A kinase protein probed with 100-1829 and F(ab')<sub>2</sub> rabbit anti-mouse IgG:HRP.



## Publications

Mahdipour M, Leitoguinho AR, Zacarias Silva RA et al. TACC3 Is Important for Correct Progression of Meiosis in Bovine Oocytes PLoS ONE. 2015-07-14 [PMID: 26168150] (ICC/IF, WB, Bovine, Human)

Crement JY et al. Preparation characterization of a human aurora-A kinase monoclonal antibody. Mol Cell Biochem 243:123-31. 2003-01-01 [PMID: 12619897]



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### **Products Related to NB100-1641**

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NB800-PC1	HeLa Whole Cell Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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