

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

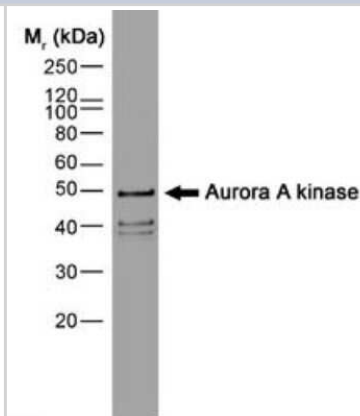
Aurora A Antibody (35C1) - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	35C1
Preservative	0.09% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	46 kDa
Product Description	
Description	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.
Host	Mouse
Gene ID	6790
Gene Symbol	AURKA
Species	Human
Reactivity Notes	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)
Marker	Mitosis Marker
Specificity/Sensitivity	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.
Immunogen	Recombinant Aurora-A
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	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')₂ 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)

Cremet 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

NB800-PC1	HeLa Whole Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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