

Product Datasheet

Aurora B Antibody - BSA Free NB500-185

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB500-185

Aurora B Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

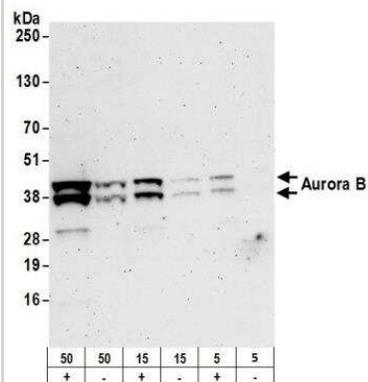
Product Description	
Host	Rabbit
Gene ID	9212
Gene Symbol	AURKB
Species	Human
Marker	Mitosis Marker
Immunogen	The immunogen recognized by this antibody maps to a region between residue 300 and the C-terminus (residue 344) of human Aurora B kinase using the numbering given in Swiss-Prot entry Q96GD4 (GeneID 9212).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunocytochemistry/ Immunofluorescence 1:500 - 1:2000, Immunoprecipitation 2-10 ug/mg lysate

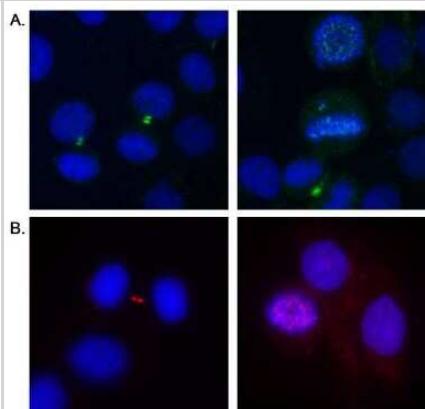


Images

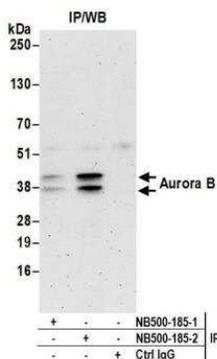
Western Blot: Aurora B Antibody [NB500-185] - Detection of Human Aurora B by Western Blot. Samples: Whole cell lysate (50, 15, 5 ug) from HeLa cells treated with nocodazole (+) or mock treated (-). Antibody: Affinity purified rabbit anti-Aurora B antibody NB500-185 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunocytochemistry/Immunofluorescence: Aurora B Antibody [NB500-185] - Asynchronous HeLa cells. Antibody used at 0.5 ug/ml in A and at 2 ug/ml in B. Detection : Secondary antibodies were anti-Rabbit IgG conjugated to FITC in A and conjugated to Texas Red in B.



Immunoprecipitation: Aurora B Antibody [NB500-185] - Detection of human Aurora B by western blot of immunoprecipitation. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from nocodazole treated HeLa cells. Antibody: Affinity purified rabbit anti-Aurora B antibody NB500-185 (lot NB500-185-2) used at 0.1 ug/ml. Aurora B was also immunoprecipitated by a previous lot of this antibody (lot NB500-185-1). Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Magron A, Elowe S, Carreau M. The Fanconi Anemia C Protein Binds to and Regulates Stathmin-1 Phosphorylation. PLoS One 2015-10-14 [PMID: 26466335] (WB)

Lopergolo A, Tavecchio M, Lisanti S et al. Chk2 phosphorylation of survivin-DeltaEx3 contributes to a DNA damage-sensing checkpoint in cancer. Cancer Res 2012-07-01 [PMID: 22586065]

Qi W, Tang Z, Yu H et al. Phosphorylation- and polo-box-dependent binding of Plk1 to Bub1 is required for the kinetochore localization of Plk1. Mol Biol Cell 2006-08-01 [PMID: 16760428]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB500-185

NBL1-07860	Aurora B Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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