

Product Datasheet

Aurora A/B/C Antibody (4A7) - BSA Free NBP2-50046

Unit Size: 0.1 ml

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

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NBP2-50046

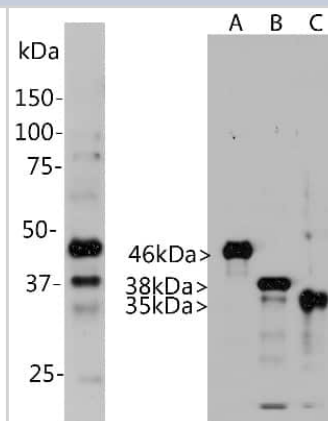
Aurora A/B/C Antibody (4A7) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4A7
Preservative	0.035% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	50% PBS, 50% glycerol
Product Description	
Description	Novus Biologicals Mouse Aurora A/B/C Antibody (4A7) - BSA Free (NBP2-50046) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Human, Mouse, Rat, Porcine, Bovine, Equine
Immunogen	Full length recombinant human AURKA protein expressed from E. coli.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:1000 - 1:2000
Application Notes	In WB, this antibody binds strongly to bands at about 46 kDa and 38kDa, corresponding to Aurora A and Aurora B respectively. It also recognizes a weak band at 35 kDa which corresponds to Aurora C.

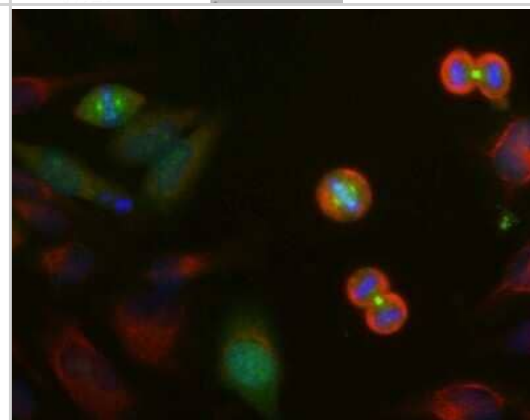


Images

Western Blot: Aurora A/B/C Antibody (4A7) [NBP2-50046] - Left: Analysis of HeLa cells treated with 100ng/ml nocodazole for 18 hours was probed with NBP2-50046. Nocodazole is a microtubule depolymerizing agent which induces cells to halt at the G2/M phase and also induces Aurora kinase expression. NBP2-50046 binds strongly to bands at about 46 kDa and 38kDa, corresponding to Aurora A and Aurora B. Also, it recognizes a weak band at 35 kDa which is Aurora C. Right: Blot of recombinant full length human Aurora A, B and C was probed with NBP2-50046.



Immunocytochemistry/Immunofluorescence: Aurora A/B/C Antibody (4A7) [NBP2-50046] - HeLa cell cultures were stained with NBP2-50046 (green). In this image, strong staining in spindle poles was seen in cells at anaphase. This antibody also stains the midbodies between the two daughter cells. Cells were counterstained with chicken polyclonal antibody to Vimentin (NB300-223, red). Blue is a DNA stain.





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Products Related to NBP2-50046

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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