

Product Datasheet

Aurora A Antibody (1A11) - BSA Free NBP2-50040

Unit Size: 0.5 ml

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

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NBP2-50040

Aurora A Antibody (1A11) - BSA Free

Product Information	
Unit Size	0.5 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A11
Preservative	5mM Sodium Azide
Isotype	IgG1
Purity	Tissue culture supernatant
Buffer	Supplied as concentrated hybridoma cell culture media.
Target Molecular Weight	46 kDa

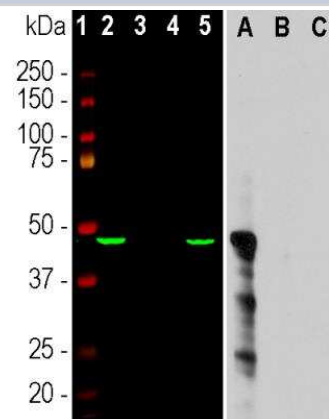
Product Description	
Description	Novus Biologicals Mouse Aurora A Antibody (1A11) - BSA Free (NBP2-50040) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6790
Gene Symbol	AURKA
Species	Human, Mouse
Specificity/Sensitivity	This antibody does not cross-react with Aurora B or Aurora C.
Immunogen	Full length recombinant human protein aurora A expressed in and purified from E. coli

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100 - 1:500, Immunohistochemistry 1:100-1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500

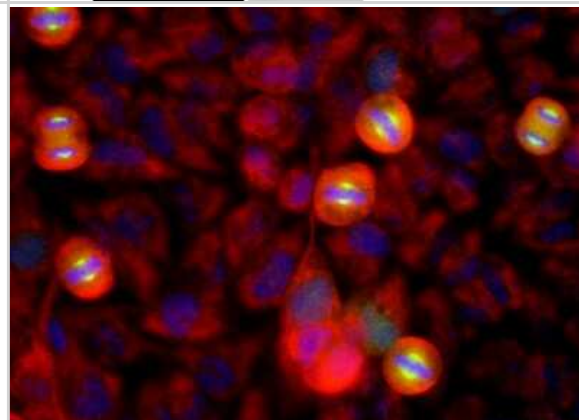


Images

Western Blot: Aurora A Antibody (1A11) [NBP2-50040] - Analysis of different cell lysates and recombinant protein solutions using mouse Aurora A mAb. Left: cells were treated with 100ng/mL of nocodazol (a microtubule depolymerizing agent which induces cells to halt at G2/M phase) for 6hrs: [1] protein standard, [2] HeLa, [3] canine A72 cells, [4] Equine NBL6 cells, and [5] murine KR158 cells. The antibody apparently does not recognize canine or equine aurora A, but does bind human and murine. Right: equal amounts of purified human recombinant aurora A, B, C as indicated. The NBP2-50040 antibody reacts with the aurora A recombinant protein but not aurora B or C.



Immunocytochemistry/Immunofluorescence: Aurora A Antibody (1A11) [NBP2-50040] - HeLa cell cultures stained with NBP2-50040 (green). Aurora A localizes in spindle poles and mitotic spindles at late mitosis. Counterstained is chicken polyclonal antibody against Vimentin (NB300-223, red). Blue is a DNA stain.





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Products Related to NBP2-50040

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]
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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