

Product Datasheet

beta II Tubulin A Antibody (TUB 2.1) NB120-11308

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Updated 2/13/2025 v.20.1

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NB120-11308

beta II Tubulin A Antibody (TUB 2.1)

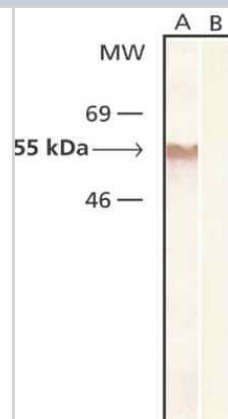
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	TUB 2.1
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Raw ascites

Product Description	
Host	Mouse
Gene ID	7280
Gene Symbol	TUBB2A
Species	Human, Mouse, Rat, Amphibian, Bovine, Chicken, Hamster, Plant
Reactivity Notes	Cross-reacts Frog, Wheat, Rabbit, Bovine, Moth, Rat, Sea Urchin. 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.
Specificity/Sensitivity	Recognizes all five isoforms of beta-tubulin. It reacts with the beta-Lc and beta-Sc fragments in the carboxy-terminal part of beta-tubulin in immunoblotting.
Immunogen	Purified rat brain tubulin.

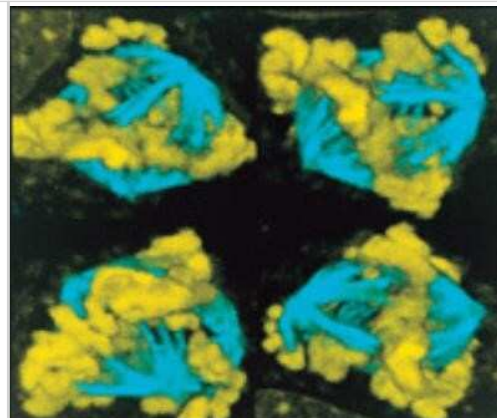
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:100-1:2000, Simple Western, Immunocytochemistry/ Immunofluorescence 1:200
Application Notes	The antibody may be used to localize beta-tubulin in cultured cells or tissue sections. In WB, recognizes 55 kDa band.

Images

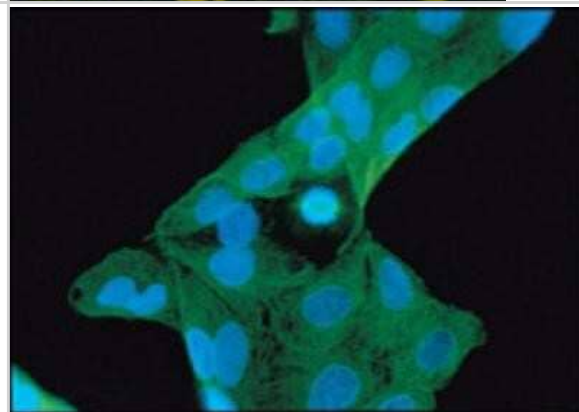
Western Blot: beta II Tubulin A Antibody (TUB 2.1) [NB120-11308] - Monoclonal Anti-b-Tubulin antibody produced in mouse.



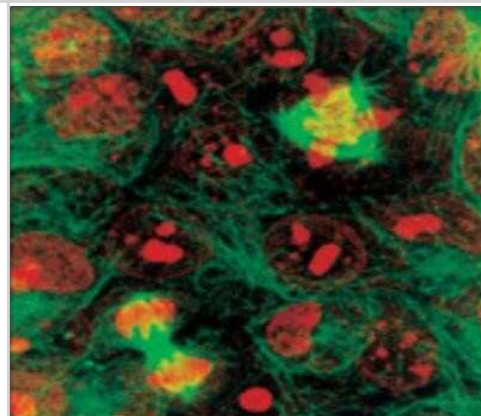
Immunocytochemistry/Immunofluorescence: beta II Tubulin A Antibody (TUB 2.1) [NB120-11308] - The reconstructed confocal image of tripolar mitotic rat hepatoma cells (FAO cells) shows spindle apparatus having three centers of mitosis (blue color). Associated chromosomes are yellow colored.



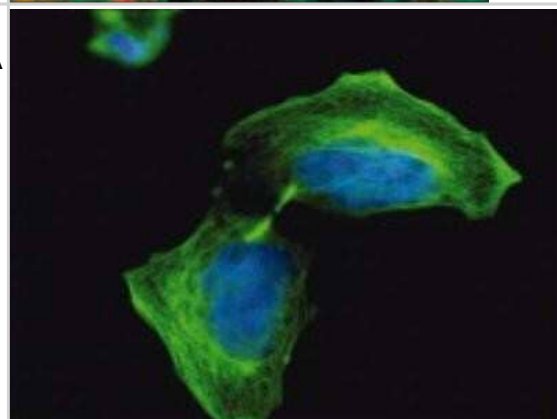
Immunocytochemistry/Immunofluorescence: beta II Tubulin A Antibody (TUB 2.1) [NB120-11308] - Colon cancer cells.



Immunocytochemistry/Immunofluorescence: beta II Tubulin A Antibody (TUB 2.1) [NB120-11308] - Confocal microscopy of rat hepatoma cell line (FAO cells) Nuclei and chromosomes are stained with propidium iodide (red). Microtubules (green) are seen in cytoplasm of non-dividing cells and in bipolar and tripolar mitotic apparatus of dividing cells.



Immunocytochemistry/Immunofluorescence: beta II Tubulin A Antibody (TUB 2.1) [NB120-11308] - Human monocytes cultured on hardware MIA in real microgravity on board International Space Station (green) and DAP for the DNA.





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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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