

Product Datasheet

beta Tubulin Antibody (1B12) - BSA Free NBP2-50061

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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Updated 9/9/2025 v.20.1

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NBP2-50061

beta Tubulin Antibody (1B12) - 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	1B12
Preservative	0.035% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	50 kDa

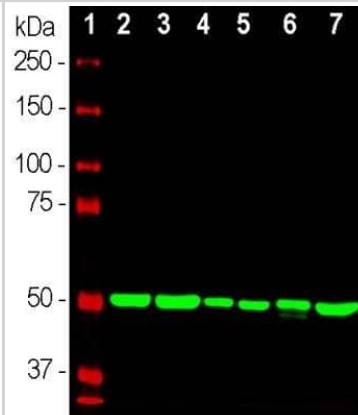
Product Description	
Description	Novus Biologicals Mouse beta Tubulin Antibody (1B12) - BSA Free (NBP2-50061) is a monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	203068
Gene Symbol	TUBB
Species	Human, Mouse, Rat, Monkey
Immunogen	Pig brain beta Tubulin preparation. [UniProt# Q767L7]

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Single Cell Western
Recommended Dilutions	Western Blot 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 1:5000, Single Cell Western

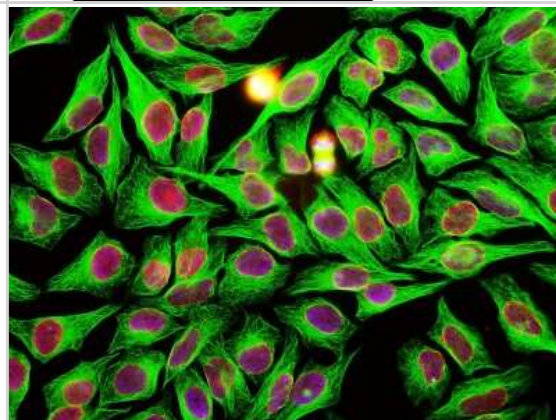


Images

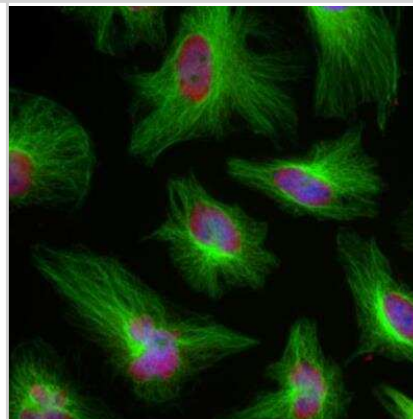
Western Blot: beta Tubulin Antibody (1B12) [NBP2-50061] - Western blot analysis of whole tissue or cell lysates using mouse mAb to Beta-tubulin, NBP2-50061, dilution 1:10,000 in green: [1] protein standard (red), [2] adult rat brain, [3] adult mouse brain, [4] NIH-3T3 cells, [5] HEK293 cells, [6] HeLa cells, [7] SH-SY5Y cells. The strong clean band with apparent SDS-PAGE molecular weight of ~50 kDa corresponds to the Beta-tubulin proteins.



Immunocytochemistry/Immunofluorescence: beta Tubulin Antibody (1B12) [NBP2-50061] - HeLa cells stained with NBP2-50061 in green, and chicken antibody to Lamin A+C in red (NBP2-25152), and DNA in blue. NBP2-50061 reveals strong microtubular staining in the cytoplasm of HeLa cells, while the Lamin A+C localizes in the nuclear membrane.



Immunofluorescence: beta Tubulin Antibody (1B12) [NBP2-50061] - Immunofluorescent analysis of HeLa cells stained with NBP2-50061, dilution 1:5,000 in green, and costained with chicken pAb to the nucleic acid binding protein FOX2, dilution 1:1,000 in red. Blue is DAPI staining of nuclear DNA. NBP2-50061 produces strong staining of microtubules in the cytoplasm, while the FOX2 antibody labels the nuclei of HeLa cells.





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Products Related to NBP2-50061

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]
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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