Product Datasheet

beta Tubulin Antibody (S11B) - Chimeric - Azide and BSA Free

NBP2-81064-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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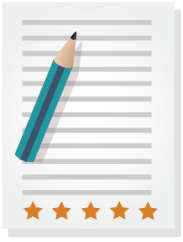
Updated 9/9/2025 v.20.1



NBP2-81064-0.2mg

beta Tubulin Antibody (S11B) - Chimeric - Azide and BSA Free

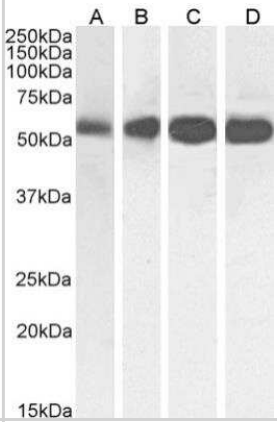
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	S11B
Preservative	0.02% Proclin 300
Isotype	IgG Lambda
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit beta Tubulin Antibody (S11B) - Chimeric - Azide and BSA Free (NBP2-81064) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	203068
Gene Symbol	TUBB
Species	Human
Specificity/Sensitivity	Binds specifically to human beta Tubulin (no crossreactivity with alpha-tubulin).
Immunogen	Human MBP (microtubule-binding protein).

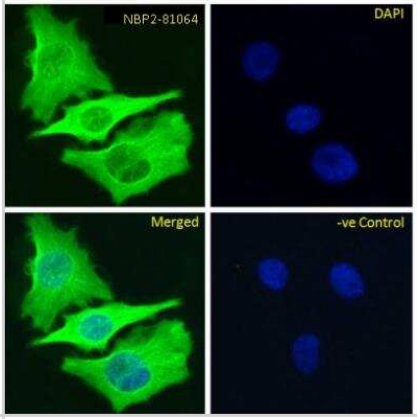
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	This full-length, chimeric rabbit antibody was made using the variable domain sequences of the original Human scFv format, for improved compatibility with existing reagents, assays and techniques. This antibody binds to beta-tubulin. Tubulin is the major constituent of microtubules. The beta-chain has an exchangeable GTP-binding site.

Images

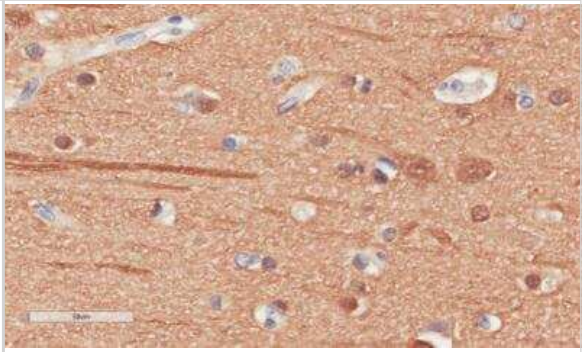
Western Blot: beta Tubulin Antibody (S11B) [NBP2-81064] - Western Blot using anti-Beta-Tubulin antibody (S11B) [NBP2-81064]. HeLa (A), A431 (B), HEK293 (C) and MCF-7 (D) cell lysate samples (35ug protein in RIPA buffer) were resolved on a 10% SDS PAGE gel and blots probed with the chimeric rabbit version of S11B [NBP2-81064] at 0.01 ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence. The expected band size for Beta-Tubulin is ~54kDa. NBP2-81064 successfully detected human Beta-Tubulin in HeLa, A431, HEK293 and MCF-7 cell lysate samples.



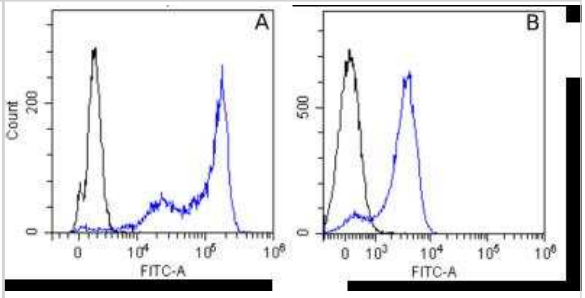
Immunocytochemistry/Immunofluorescence: beta Tubulin Antibody (S11B) [NBP2-81064] - Immunofluoresence staining of fixed HeLa cells with anti-Beta-tubulin antibody (S11B) [NBP2-81064]. Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton stained with the chimeric rabbit IgG version of S11B [NBP2-81064] at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-81064, DAPI, merged channels and a negative control. The negative control was stained with unimmunized rabbit IgG followed by Alexa Fluor 488 secondary antibody.



Immunohistochemistry-Paraffin: beta Tubulin Antibody (S11B) [NBP2-81064] - Immunohistochemical staining of human cerebral cortex tissue using [NBP2-81064]. Anti-Beta Tubulin staining of paraffin embedded human cerebral cortex tissue using the rabbit-chimeric version of S11B [NBP2-81064]. Antigen retreival was acheived by microwaving in citrate buffer (pH6), followed by blocking with protein block serum-free buffer. Primary antibody incubation with NBP2-81064 was carried out at 4 ug/ml for 30 minutes. Samples were then incubated with an anti-rabbit IgG HRP secondary antibody for 20 mins followed by DAB (3,3'-diaminobenzidine), and counter-staining with haemotoxylin. Staining of neuronal cell bodies and their processes may be observed. Recommended concentration, 2-4 ug/ml.



Flow Cytometry: beta Tubulin Antibody (S11B) [NBP2-81064] - Flow-cytometry using the anti-Beta Tubulin (S11B) [NBP2-81064]. MCF-7 (A) and HeLa (B) cells were stained with unimmunized rabbit IgG antibody (black line) or the rabbit-chimeric version of S11B (NBP2-81064, blue line) at a concentration of 10 ug/ml for 30 mins at RT. After washing, bound antibody was detected using anti-rabbit IgG JK (FITC-conjugate) antibody at 2 ug/ml and cells analyzed on a FACSCanto flow-cytometer.



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Products Related to NBP2-81064-0.2mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NB600-936PEP	beta Tubulin Antibody Blocking Peptide

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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