

Product Datasheet

Tubulin alpha-1B [ac Lys40] Antibody (PSH0-13) NBP3-32031

Unit Size: 100 ul

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

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NBP3-32031

Tubulin alpha-1B [ac Lys40] Antibody (PSH0-13)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH0-13
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	50 kDa

Product Description	
Description	Novus Biologicals Rabbit Tubulin alpha-1B [ac Lys40] Antibody (PSH0-13) (NBP3-32031) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10376
Gene Symbol	TUBA1B
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human Tubulin alpha-1B aa 30-45 / 451. (Uniprot: P68363)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:250



Images

Western Blot: Tubulin alpha-1B [ac Lys40] Antibody (PSH0-13) [NBP3-32031] - Western blot analysis of Tubulin alpha-1B on different lysates with Rabbit anti-Tubulin alpha-1B antibody (NBP3-32031) at 1/1,000 dilution.

Lane 1: HeLa whole cell lysate (10 ug/Lane)

Lane 2: HeLa treated with 500ng/mL TSA for 4 hours whole cell lysate (20 ug/Lane)

Predicted band size: 50 kDa

Observed band size: 55 kDa

Exposure time: 2 minutes;

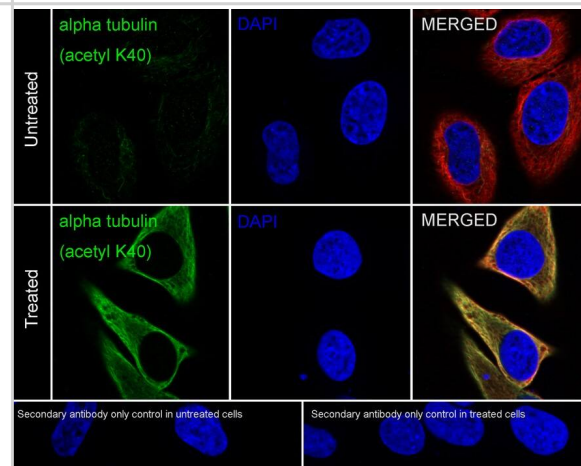
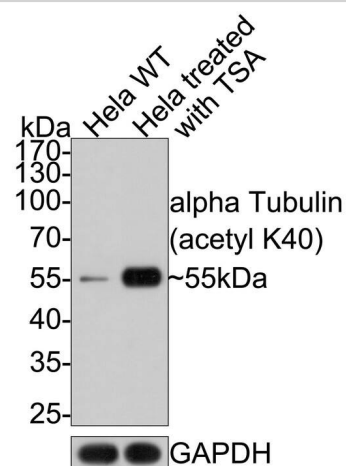
10% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32031) at 1/1,000 dilution was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.v

Immunocytochemistry/ Immunofluorescence: Tubulin alpha-1B [ac Lys40] Antibody (PSH0-13) [NBP3-32031] - Immunocytochemistry analysis of HeLa cells treated with or without 500ng/mL TSA for 4 hours labeling Tubulin alpha-1B with Rabbit anti-Tubulin alpha-1B antibody (NBP3-32031) at 1/250 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-Tubulin alpha-1B antibody (NBP3-32031) at 1/250 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4°C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32031

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]
NBP2-24891	Rabbit IgG Isotype Control

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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