

Product Datasheet

Spectrin beta 3 Antibody (3B1NB) - BSA Free NBP2-44310

Unit Size: 0.1 mg

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

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NBP2-44310

Spectrin beta 3 Antibody (3B1NB) - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3B1NB
Preservative	0.02% Sodium Azide
Isotype	IgG3 Kappa
Purity	Protein G purified
Buffer	PBS

Product Description

Host	Mouse
Gene ID	6712
Gene Symbol	SPTBN2
Species	Human
Immunogen	Partial recombinant human Spectrin beta 3 protein (between amino acids 1300-1500) [UniProt O15020]

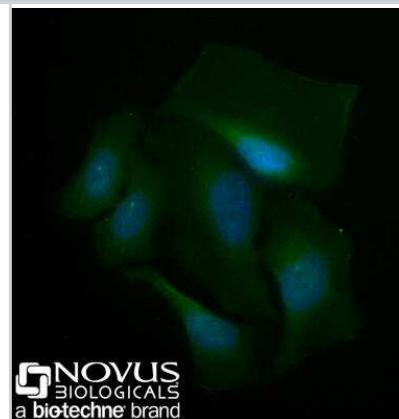
Product Application Details

Applications	Western Blot, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:250 -1:500, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:200 - 1:500, Flow (Cell Surface) 1:500

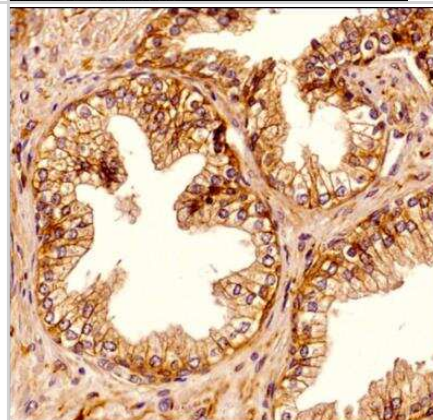


Images

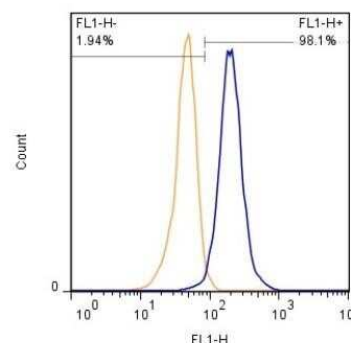
Immunocytochemistry/Immunofluorescence: Spectrin beta 3 Antibody (3B1NB) [NBP2-44310] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton-X100. The cells were incubated with anti-Spectrin beta 3 (3B1NB) conjugated to Alexa Fluor 488 [NBP2-44310AF488] at 10ug/ml for 1 hour at room temperature. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



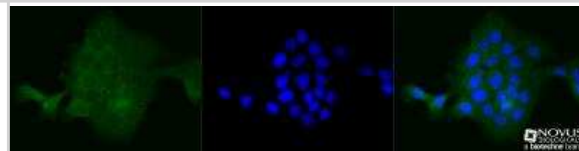
Immunohistochemistry-Paraffin: Spectrin beta 3 Antibody (3B1NB) [NBP2-44310] - IHC analysis of a formalin fixed and paraffin embedded tissue section of normal human prostate using 1:200 dilution of Spectrin beta 3 antibody (clone 3B1NB). The antibody generated a specific cytoplasmic staining with strong signal at cell-cell junctions in the glandular epithelium of the prostate section. The cells of fibromuscular stroma showed a diffused signal throughout the sections.



Flow (Cell Surface): Spectrin beta 3 Antibody (3B1NB) [NBP2-44310] - Analysis using the Azide Free version of NBP2-44310. Detection of HeLa cells (1×10^6 cells/ml) at a 1:500 dilution detected using Dylight-488 conjugated goat anti-rat IgG secondary antibody (blue peak). Shown with secondary control (orange peak).



Immunocytochemistry/Immunofluorescence: Spectrin beta 3 Antibody (3B1NB) [NBP2-44310] - A431 cells were fixed and permeabilized for 10 minutes using -20C MeOH. The cells were incubated with anti-Spectrin beta 3 (3B1NB) [NBP2-44310] at a 1:50 dilution overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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