

# Product Datasheet

## Spectrin beta 3 Antibody (SPTBN2/1584) - Azide and BSA Free NBP2-54439-100ug

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-54439-100ug**

Spectrin beta 3 Antibody (SPTBN2/1584) - Azide and BSA Free

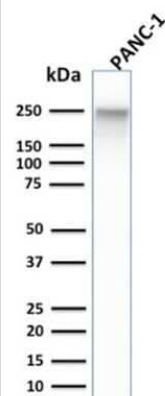
Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SPTBN2/1584
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	246 kDa

Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53315).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	6712
Gene Symbol	SPTBN2
Species	Human, Mouse, Rat
Immunogen	Recombinant fragment (around aa356-475) of human Spectrin beta 3 protein (exact sequence is proprietary) (Uniprot: O15020)

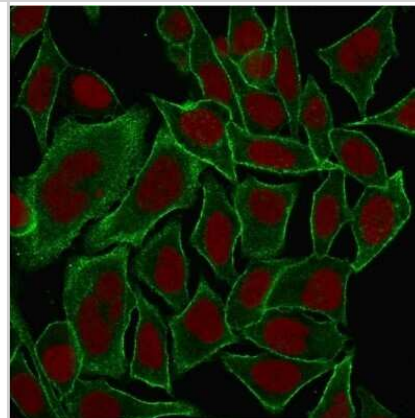
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready
Recommended Dilutions	Western Blot 0.5 - 1.0 ug/ml, Flow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5 - 1 ug/ml, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, Protein Array, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

## Images

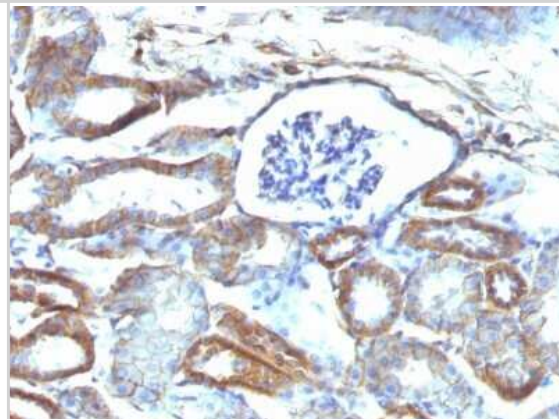
Western Blot: Spectrin beta 3 Antibody (SPTBN2/1584) - Azide and BSA Free [NBP2-54439] - Western Blot Analysis of PANC-1 cell lysate using Spectrin beta 3 Antibody (SPTBN2/1584).



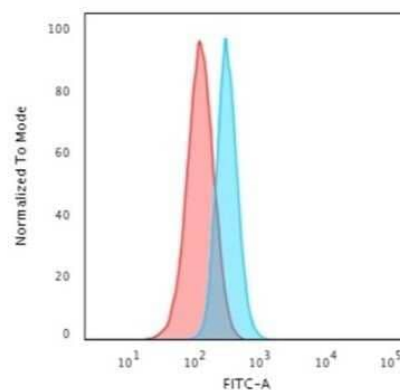
Immunocytochemistry/Immunofluorescence: Spectrin beta 3 Antibody (SPTBN2/1584) - Azide and BSA Free [NBP2-54439] - Immunofluorescence Analysis of MeOH-fixed HeLa cells labeling Spectrin beta III with Spectrin beta 3 Antibody (SPTBN2/1584) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Red Dot (Red).



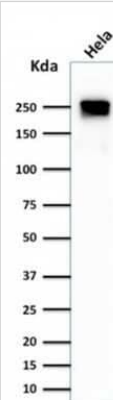
Immunohistochemistry-Paraffin: Spectrin beta 3 Antibody (SPTBN2/1584) - Azide and BSA Free [NBP2-54439] - Formalin-fixed, paraffin-embedded Mouse Kidney stained with Spectrin beta III Monoclonal Antibody (SPTBN2/1584).



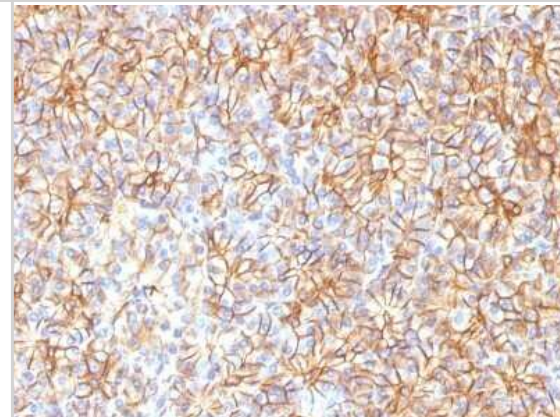
Flow Cytometry: Spectrin beta 3 Antibody (SPTBN2/1584) - Azide and BSA Free [NBP2-54439] - Flow Cytometric Analysis of HeLa cells using Spectrin beta 3 Antibody (SPTBN2/1584) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



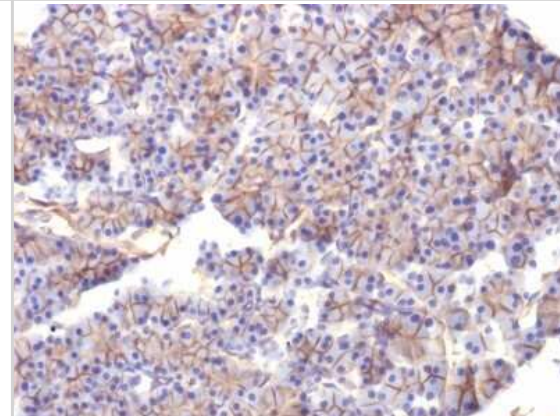
Western Blot: Spectrin beta 3 Antibody (SPTBN2/1584) - Azide and BSA Free [NBP2-54439] - Western Blot Analysis of HeLa cell lysate using Spectrin beta 3 Antibody (SPTBN2/1584).



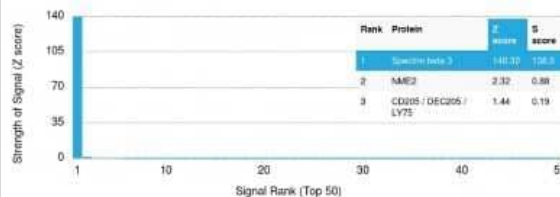
Immunohistochemistry-Paraffin: Spectrin beta 3 Antibody (SPTBN2/1584) - Azide and BSA Free [NBP2-54439] - Formalin-fixed, paraffin-embedded Human Pancreas stained with Spectrin beta III Monoclonal Antibody (SPTBN2/1584).



Immunohistochemistry-Paraffin: Spectrin beta 3 Antibody (SPTBN2/1584) - Azide and BSA Free [NBP2-54439] - Formalin-fixed, paraffin-embedded Rat Pancreas stained with Spectrin beta III Monoclonal Antibody (SPTBN2/1584).



Protein Array: Spectrin beta 3 Antibody (SPTBN2/1584) - Azide and BSA Free [NBP2-54439] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Spectrin beta 3 Antibody (SPTBN2/1584).





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### **Products Related to NBP2-54439-100ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-48703PEP	Spectrin beta 3 Recombinant Protein Antigen

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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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