

## Anti-Beta1-Spectrin Antibody

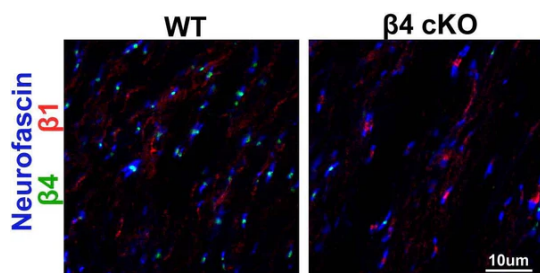


### Product Details

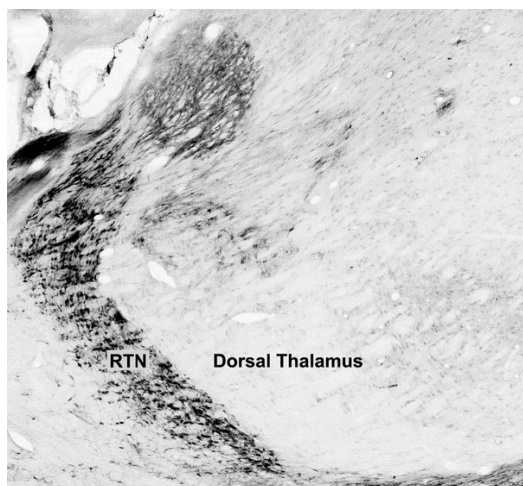
<b>Available Variants</b>	100 µL (SKU:75-374)
<b>Conjugate</b>	Unconjugated
<b>Isotype</b>	IgG2b
<b>Clone</b>	N385/21
<b>Gene Name</b>	SPTB SPTB1
<b>Host Species</b>	Mouse
<b>Concentration</b>	1 mg/mL
<b>Format</b>	Purified by Protein A chromatography
<b>Physical State</b>	Liquid
<b>Buffer</b>	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
<b>Production Notes</b>	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
<b>Applications</b>	ELISA, ICC, IHC, IP, WB
<b>Dilution Ranges</b>	WB: 1:1000 IHC: 1:200 ICC: 1:200
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Fusion protein amino acids 1555-2137 (C-terminal repeats 13 to 17) of human Beta1-spectrin (accession number P11277) produced recombinantly in E. Coli
<b>Specificity</b>	No cross-reactivity reported
<b>Molecular Weight</b>	250 kDa

<b>Quality Control</b>	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
<b>Storage</b>	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$ . For maximum recovery of product, centrifuge the vial prior to removing the cap.
<b>Antibody Registry ID</b>	AB_2315815
<b>UniProt ID</b>	<a href="#">P11277</a>
<b>Country of Origin</b>	United States
<b>Shipping</b>	Shipped on ice packs
<b>Expiration</b>	24 months from date of receipt
<b>Usage Statement</b>	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

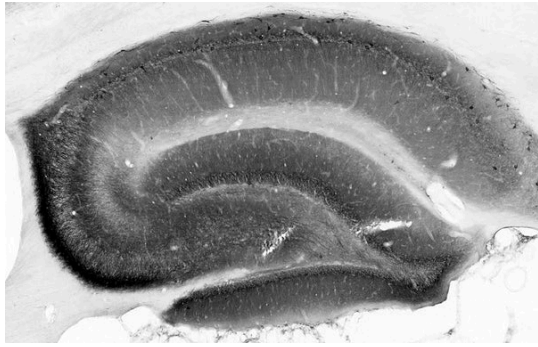
## Product Images



Immunofluorescence staining of optic nerve from adult Beta4-spectrin wild-type (WT) and conditional knockout (cKO) mice with N385/21 (Beta1- spectrin, red), Beta4-spectrin antibody (green) and Neurofascin antibody (blue). Images courtesy of Cheng-Hsin Liu and Matt Rasband (Baylor College of Medicine).



Thalamus immunohistochemistry.



Adult rat hippocampus immunohistochemistry.

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Product Page URL: [www.antibodiesinc.com/products/anti-beta1-spectrin-antibody-n385-21-75-374](http://www.antibodiesinc.com/products/anti-beta1-spectrin-antibody-n385-21-75-374)



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