

Anti-Alpha II Spectrin Antibody

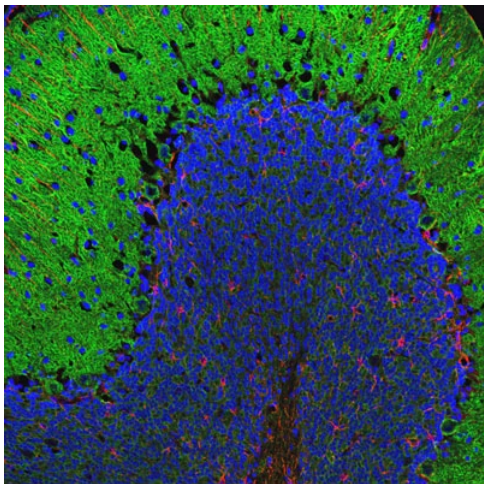


Product Details

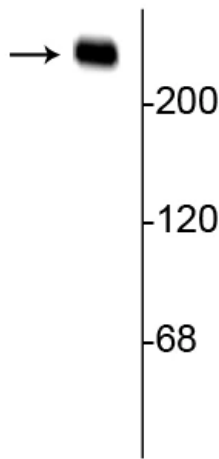
Available Variants	100 µL (SKU:98-A2SM) 25 µL (SKU:98-A2SMt)
Conjugate	Unconjugated
Isotype	IgG1
Clone	3D7
Gene Name	SPTAN1
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 50% glycerol and 5 mm NaN ₃
Production Notes	Protein G purified culture supernatant.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:3000 WB Brain: 1:3000 IHC: 1:500-1:2000 ICC: 1:500-1:2000
Species Reactivity	Bovine, Human, Mouse, Rat
Immunogen	Recombinant contstruct containing the 7th, 8th, 9th repeats of human alpha II spectrin.
Specificity	Specific for endogenous levels of the ~240 kDa alpha II spectrin protein.
Molecular Weight	240 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2492030
UniProt ID	Q13813
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	6709

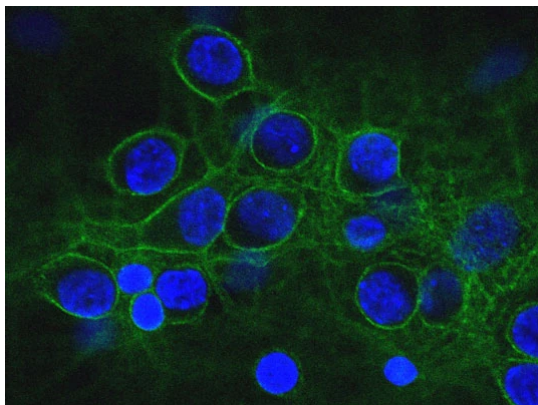
Product Images



Immunofluorescence of a section of rat cerebellum selectively labeling the submembraneous cytoskeleton on neurons and cell bodies and dendrites of Purkinje cells with alpha-II-spectrin (Cat. 98-A2SM, 1:2000, green) and labeling the processes of Bergmann glia and astrocytes with anti-GFAP (Cat. 621-GFAP, 1:5000, red).



Western blot of rat hippocampal lysate showing specific immunolabeling of the ~240 kDa alpha II spectrin protein.



Immunofluorescence of cultured neurons and glia cells showing specific axonal and dendritic labeling with anti-alpha-II-spectrin (Cat. 98-A2SM, 1:500, green), and nuclear staining with DAPI (blue).

Product Page URL: www.antibodiesinc.com/products/anti-alpha-ii-spectrin-antibody-98-a2sm



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