

Anti-SPTAN1 antibody [3D7] (STJA0003570)

STJA0003570

GENERAL INFORMATION

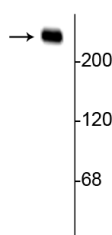
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Alpha II Spectrin is suitable for use in Western Blot, Immunohistochemistry and Immunocytochemistry research applications.
Applications	WB/IHC/ICC
Host/Source	Mouse
Reactivity	Bovine/Human/Mouse/Rat

PRODUCT PROPERTIES

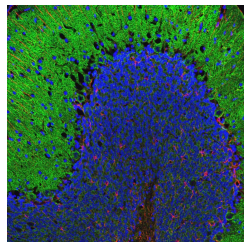
Clonality	Monoclonal
Clone ID	3D7
Concentration	
Conjugation	Unconjugated
Purification	This antibody was protein g purified culture from supernatant.
Dilution Range	WB 1:3000 IHC 1:500-1:2000 ICC 1:500-1:2000
Formulation	100 ul in PBS + 50% Glycerol and 5 mm Sodium Azide
Isotype	IgG1
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

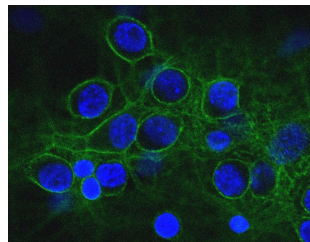
Gene ID	6709
Gene Symbol	SPTAN1
Uniprot ID	SPTN1_HUMAN
Immunogen	Recombinant contstruct containing the 7th, 8th, 9th repeats of human alpha II spectrin.
Immunogen Region	
Specificity	
Immunogen Sequence	



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



Immunofluorescence of a section of rat cerebellum selectively labeling the submembrane cytoskeleton on neurons and cell bodies and dendrites of Purkinje cells with alpha-II-spectrin (STJA0003570, 1:2000, green) and labeling the processes of Bergmann glia and astrocytes with anti-GFAP (cat. STJA0003659, 1:5000, red).



Immunofluorescence of cultured neurons and glia cells showing specific axonal and dendritic labeling with anti-alpha-II-spectrin (STJA0003570, 1:500, green), and nuclear staining with DAPI (blue).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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