

# Product datasheet for AM32996PU-N

## SPTAN1 Mouse Monoclonal Antibody [Clone ID: 3D7]

### **Product data:**

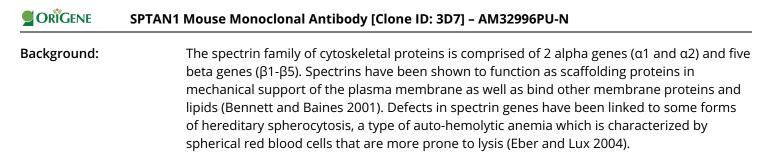
#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Primary Antibodies
Clone Name:	3D7
Applications:	IF, WB
Recommended Dilution:	Western Blot: 1/3000. Immunofluorescence: 1/500.
Reactivity:	Bovine, Human, Rat
Host:	Mouse
lsotype:	lgG1
Clonality:	Monoclonal
Immunogen:	Recombinant construct containing the seventh, eighth and ninth repeats of human alpha II spectrin expressed in and purified from E. Coli.
Specificity:	Specific for the ~240 k alpha II Spectrin protein.
Formulation:	PBS State: Aff - Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant. Preservative: 10mM Sodium Azide
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	spectrin, alpha, non-erythrocytic 1
Database Link:	<u>P07751</u>



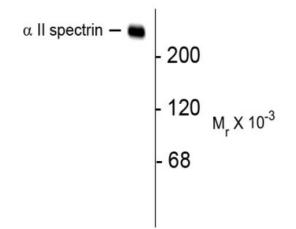
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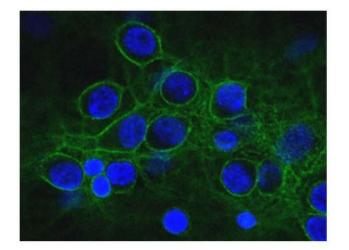
#### Synonyms:

Spectrin non-erythroid alpha chain, Alpha-II spectrin, Fodrin alpha chain, SPTA2

## **Product images:**



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



Immunofluorescence of cultured rat neurons and glia showing axonal and dendritic staining of alpha II spectrin (green) revealing the submembraneous cytoskeleton and DNA (blue).

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