

Product Name: KD-Validated DTNA Mouse Monoclonal Antibody**Catalog #: KVA01185**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:100-1:1,000
Molecular Weight	Calculated MW: 83.9kDa

Antigen Information

Gene Name	DTNA
Alternative Names	DTNA; Dystrobrevin Alpha; DRP3; Dystrophin-Related Protein 3; D18S892E; DTN; DTN-1; DTN-2; DTN-3; DTN-A; Dystrobrevin, Alpha; Alpha-Dystrobrevin; LVNC1
Gene ID	1837.0
SwissProt ID	Q9Y4J8
Immunogen	Recombinant protein of human DTNA

Background

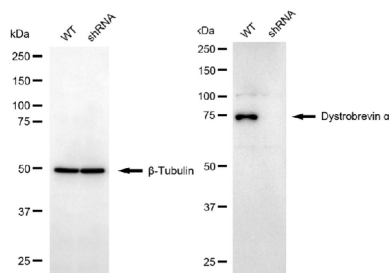
The protein encoded by this gene belongs to the dystrobrevin subfamily of the dystrophin family. This protein is a component of the dystrophin-associated protein complex (DPC), which consists of dystrophin and several integral and peripheral membrane proteins, including dystroglycans, sarcoglycans, syntrophins and alpha- and beta-dystrobrevin. The DPC localizes to

the sarcolemma and its disruption is associated with various forms of muscular dystrophy. Mutations in this gene are associated with left ventricular noncompaction with congenital heart defects. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

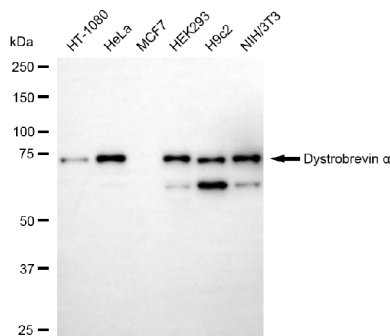
Research Area

Neuroscience, Signal Transduction

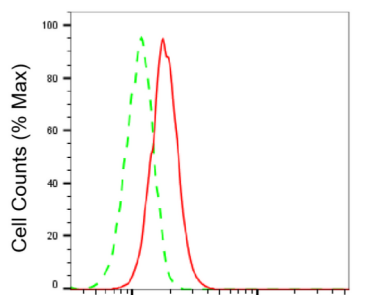
Image Data



Western blotting analysis using dystrobrevin alpha antibody (KVA01185). Dystrobrevin alpha expression in wild type (WT) and dystrobrevin alpha (DTNA) shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with dystrobrevin alpha antibody (KVA01185, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using dystrobrevin alpha antibody (KVA01185). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with dystrobrevin alpha antibody (KVA01185, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Flow cytometric analysis of Dystrobrevin alpha expression in C2C12 cells using Dystrobrevin alpha antibody (KVA01185, 1:1,000). Green, isotype control; red, Dystrobrevin alpha.