

Mouse DTNA Monoclonal Antibody | anti-DTNA antibody

DTNA antibody

CATALOG # AAA106502	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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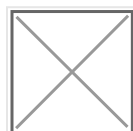
PRODUCT SYNONYMS

DTNA; Monoclonal Antibody; DTNA antibody; Monoclonal DTNA; Anti-DTNA; Dystrobrevin alpha; DRP3; D18S892E; DTN; Dystrophin-related protein 3; Alpha dystrobrevin; anti-DTNA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1C2
Purity/Purification	DTNA antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	513
Applicable Applications for anti-DTNA antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	DTNA 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.
Cross-Reactivity	Human
Immunogen	DTNA antibody was raised in mouse using a full length recombinant protein of human DTNA (NP_116761) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant DTNA protein using DTNA antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant DTNA protein (Right) or empty vector (Left) detected with DTNA antibody

ADDITIONAL INFORMATION

Related Product Information for anti-DTNA antibody	Mouse monoclonal DTNA antibody
Product Categories/Family for anti-DTNA antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	42717997
NCBI GeneID	1837
NCBI Accession #	NP_116761
NCBI GenBank Nucleotide #	NM_032979.4
UniProt Accession #	Q9Y4J8; O15332; O15333; O75697; A8K541; A8MSZ0; A8MUY4; B4DGS6; B4DIR0; B4DIU8; M0QYX6; M0R397
Molecular Weight	58,472 Da
NCBI Official Full Name	dystrobrevin alpha isoform 5
NCBI Official Synonym Full Names	dystrobrevin, alpha
NCBI Official Symbol	DTNA
NCBI Official Synonym Symbols	DTN; DRP3; DTN-A; LVNC1; D18S892E
NCBI Protein Information	dystrobrevin alpha
UniProt Protein Name	Dystrobrevin alpha
UniProt Gene Name	DTNA
UniProt Synonym Gene Names	DRP3; DTN-A
UniProt Entry Name	DTNA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dtna-antibody-clone-1c2-western-blot-immunofluorescence-flow-cytometry-elisa/106502>