

Mouse DTNB Monoclonal Antibody | anti-DTNB antibody

DTNB antibody

CATALOG #	HOST	APPLICATIONS
AAA106575	Mouse	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence

PRODUCT SYNONYMS

DTNB; Monoclonal Antibody; DTNB antibody; Monoclonal DTNB; Anti-DTNB; MGC17163; MGC57126; anti-DTNB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3A12
Purity/Purification	DTNB 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	0.5-1 mg/ml (varies by lot)
Sequence Length	602
Applicable Applications for anti-DTNB antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Biological Significance	This gene encodes dystrobrevin beta, a component of the dystrophin-associated protein complex (DPC). The DPC consists of dystrophin and several integral and peripheral membrane proteins, including dystroglycans, sarcoglycans, syntrophins and dystrobrevin alpha and beta. The DPC localizes to the sarcolemma and its disruption is associated with various forms of muscular dystrophy. Dystrobrevin beta is thought to interact with syntrophin and the DP71 short form of dystrophin.
Cross-Reactivity	Human
Immunogen	DTNB antibody was raised in Mouse using full length human recombinant protein of human DTNB produced in HEK293T cell 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 DTNB protein using DTNB antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of DTNB protein in paraffin embedded Human prostate tissue using DTNB antibody



WB (Western Blot)

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

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	21410284
NCBI GeneID	13528
UniProt Accession #	O70585 ; O70563 ; Q9CTZ1 ; E9Q0F2
Molecular Weight	69,637 Da
NCBI Official Full Name	Dtnb protein
NCBI Official Synonym Full Names	dystrobrevin, beta
NCBI Official Symbol	Dtnb
NCBI Protein Information	dystrobrevin beta
UniProt Protein Name	Dystrobrevin beta
UniProt Gene Name	Dtnb
UniProt Synonym Gene Names	DTN-B; mDTN-B
UniProt Entry Name	DTNB_MOUSE

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/dtnb-antibody-clone-3a12-western-blot-immunohistochemistry-flow-cytometry-immunofluorescence-elisa/106575>