

Datasheet for ABIN7538877
anti-Utrophin antibody

2 Images



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Overview

Quantity:	2.5 mL
Target:	Utrophin (UTRN)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	Lyophilized Mouse Monoclonal Antibody Utrophin (N-terminus)
Immunogen:	Fusion protein containing the first 261 amino acids of the published DMDL gene sequence.
Clone:	DRP3-20C5
Isotype:	IgG1
Specificity:	Amino terminal domain of the human homolog of human dystrophin, utrophin (also known as dystrophin related protein or "DRP"). Also crossreacts with utrophin in sections of muscle from rat and dog. Other animals species have not been tested.
Characteristics:	This product is intended for the qualitative identification by light microscopy of Utrophin (N-terminus) by immunohistochemistry.
Purification:	Tissue culture supernatant

Target Details

Target:	Utrophin (UTRN)
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Target Details

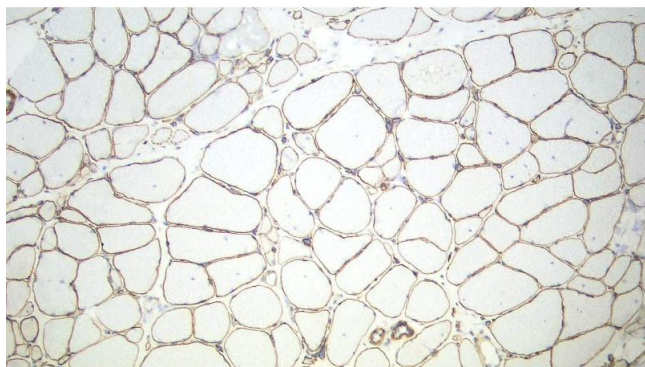
Alternative Name:	Utrophin (UTRN Products)
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	Immunohistochemical (IHC) staining techniques allow for the visualization of antigens via the sequential application of a specific antibody to the antigen (primary antibody), a secondary antibody to the primary antibody and an enzyme complex with a chromogenic substrate with interposed washing steps. The enzymatic activation of the chromogen results in a visible reaction product at the antigen site. The specimen may then be counterstained and coverslipped. Results are interpreted using a light microscope.
Restrictions:	For Research Use only

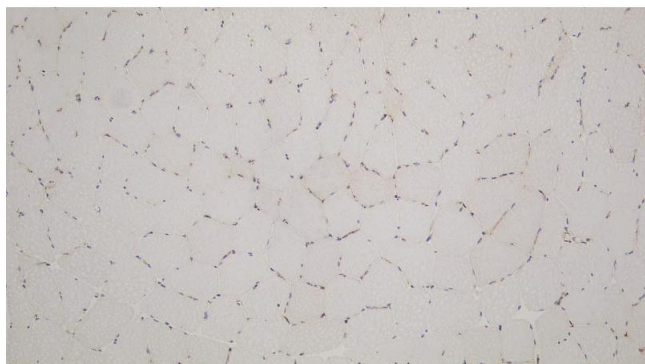
Handling

Format:	Lyophilized
Reconstitution:	The user is required to reconstitute the contents of the vial with the correct volume of sterile distilled water as indicated on the vial label.
Buffer:	This product is a lyophilized tissue culture supernatant containing sodium azide as a preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8 °C. Do not freeze. Return to 2-8 °C immediately after use. Do not use after expiration date indicated on the vial label. Storage conditions other than those specified above must be verified by the user.
Expiry Date:	12 months



Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. Human skeletal muscle: immunohistochemical staining for Utrophin. In control muscle the antibody labels blood vessels and neuromuscular junctions (A). Utrophin is expressed at the sarcolemma in individuals with mutations in the DMD gene (B). Utrophin: clone DRP3/20C5