

Product datasheet

Anti-Dystrobrevin alpha antibody [1C2] ab123937

3 图像

概述

产品名称	Anti-Dystrobrevin alpha抗体[1C2]
描述	小鼠单克隆抗体[1C2] to Dystrobrevin alpha
宿主	Mouse
经测试应用	适用于: WB, Flow Cyt, ICC/IF
种属反应性	与反应: Human
免疫原	Recombinant full length Human Dystrobrevin alpha protein produced in HEK293T cells (NP_116761).
阳性对照	HEK293T cells transfected with pCMV6-ENTRY Dystrobrevin alpha cDNA; COS7 cells transiently transfected by pCMV6-ENTRY Dystrobrevin alpha.
常规说明	Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 50% Glycerol, 1% BSA
纯度	Protein A purified
纯化说明	ab123937 is purified from Mouse ascites fluid by affinity chromatography.
克隆	单克隆
克隆编号	1C2
同种型	IgG2a

应用

Our [Abpromise guarantee](#) covers the use of **ab123937** in the following tested applications.

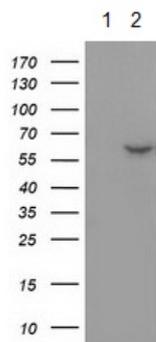
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/2000. Predicted molecular weight: 59 kDa.
Flow Cyt		1/100. <a href="#">ab170191</a> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
ICC/IF		1/100.

## 靶标

<b>功能</b>	May be involved in the formation and stability of synapses as well as being involved in the clustering of nicotinic acetylcholine receptors.
<b>组织特异性</b>	Highly expressed in brain, skeletal and cardiac muscles, and expressed at lower levels in lung, liver and pancreas. Isoform 2 is not expressed in cardiac muscle. Isoform 7 and isoform 8 are only expressed in muscle.
<b>疾病相关</b>	Defects in DTNA are the cause of left ventricular non-compaction type 1 (LVNC1) [MIM:604169]. Left ventricular non-compaction is due to an arrest of myocardial morphogenesis. The disorder is characterized by a hypertrophic left ventricle with deep trabeculations and with poor systolic function, with or without associated left ventricular dilation. In some cases, it is associated with other congenital heart anomalies such as ventricular septal defects, pulmonic stenosis and atrial septal defects. The right ventricle may also be affected.
<b>序列相似性</b>	Belongs to the dystrophin family. Dystrobrevin subfamily. Contains 1 ZZ-type zinc finger.
<b>结构域</b>	The coiled coil domain mediates the interaction with dystrophin and utrophin.
<b>翻译后修饰</b>	Phosphorylation of DTN-1 on tyrosine kinase substrate domain present in the C-terminus.
<b>细胞定位</b>	Cytoplasm. Cell junction > synapse. Cell membrane. In peripheral nerves, co-localizes with MAGEE1 in the Schwann cell membrane.

## 图片



Western blot - Anti-Dystrobrevin alpha antibody  
[1C2] (ab123937)

**All lanes :** Anti-Dystrobrevin alpha antibody  
[1C2] (ab123937) at 1/2000 dilution

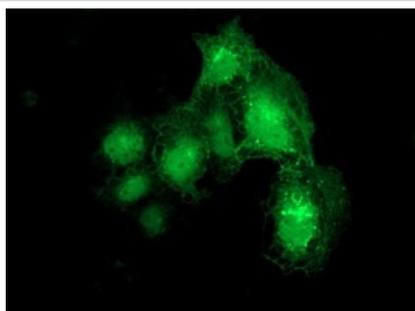
**Lane 1 :** HEK293T cells transfected with  
pCMV6-ENTRY control cDNA

**Lane 2 :** HEK293T cells transfected with  
pCMV6-ENTRY Dystrobrevin alpha cDNA

Lysates/proteins at 5 µg per lane.

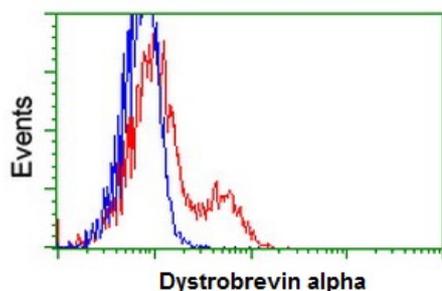
**Predicted band size:** 59 kDa

HEK293T cell lysates were generated from  
transient transfection of the cDNA clone  
(RC223952)



Immunocytochemistry/ Immunofluorescence - Anti-  
Dystrobrevin alpha antibody [1C2] (ab123937)

ab123937, at 1/100 dilution, staining  
Dystrobrevin alpha in COS7 cells transiently  
transfected by pCMV6-ENTRY Dystrobrevin  
alpha by Immunofluorescence.



Flow Cytometry - Anti-Dystrobrevin alpha antibody  
[1C2] (ab123937)

ab123937 at 1/100 dilution staining  
Dystrobrevin alpha in HEK293T cells  
transfected with either pCMV6-ENTRY  
Dystrobrevin alpha overexpress plasmid (Red)  
or empty vector control plasmid (Blue) by Flow  
cytometry.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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