


Anti-Desmin antibody ab227224

★★★★★ [2 Abreviews](#) [7 图像](#)

概述

产品名称	Anti-Desmin抗体
描述	兔多克隆抗体to Desmin
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Rabbit, Cow, Dog, Pig, Rhesus monkey 
免疫原	Recombinant fragment within Human Desmin (internal sequence). The exact sequence is proprietary. Database link: P17661
阳性对照	WB: Rat2, RD, A549 and HCT116 whole cell lysate; mouse muscle tissue lysate. IHC-P: Mouse smooth muscle tissue and skeletal muscle tissue; H1299 xenograft tissue.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab227224于以下的经测试应用

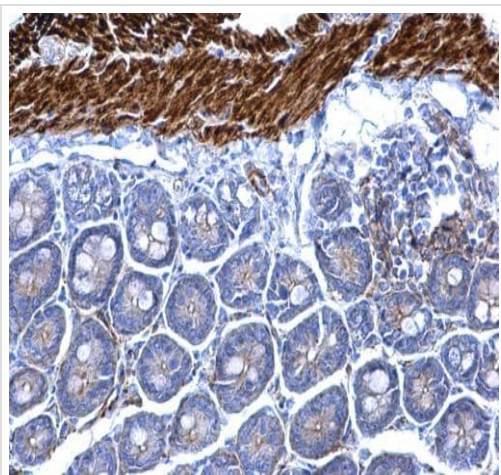
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	★★★★★ (1)	1/100 - 1/1000.
WB	★★★☆☆ (1)	1/500 - 1/1000. Predicted molecular weight: 54 kDa.

靶标

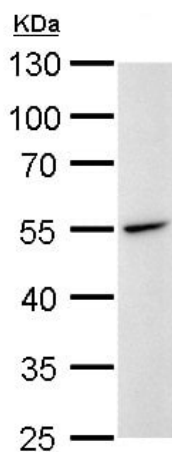
功能	Desmin are class-III intermediate filaments found in muscle cells. In adult striated muscle they form a fibrous network connecting myofibrils to each other and to the plasma membrane from the periphery of the Z-line structures.
疾病相关	Defects in DES are the cause of myopathy myofibrillar desmin-related (MFM-DES) [MIM:601419]; also known as desmin-related myopathy (DRM). A neuromuscular disorder characterized by skeletal muscle weakness associated with cardiac conduction blocks, arrhythmias, restrictive heart failure, and by myofibrillar destruction with intracytoplasmic accumulation of desmin-reactive deposits in cardiac and skeletal muscle cells. Defects in DES are the cause of cardiomyopathy dilated type 1I (CMD1I) [MIM:604765]. Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Patients are at risk of premature death. Defects in DES are the cause of neurogenic scapuloperoneal syndrome Kaeser type (Kaeser syndrome) [MIM:181400]. Kaeser syndrome is an autosomal dominant disorder with a peculiar scapuloperoneal distribution of weakness and atrophy. A large clinical variability is observed ranging from scapuloperoneal, limb girdle and distal phenotypes with variable cardiac or respiratory involvement. Facial weakness, dysphagia and gynaecomastia are frequent additional symptoms. Affected men seemingly bear a higher risk of sudden, cardiac death as compared to affected women. Histological and immunohistochemical examination of muscle biopsy specimens reveal a wide spectrum of findings ranging from near normal or unspecific pathology to typical, myofibrillar changes with accumulation of desmin.
序列相似性	Belongs to the intermediate filament family.
细胞定位	Cytoplasm.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Desmin antibody (ab227224)

Paraffin-embedded mouse smooth muscle tissue stained for Desmin with ab227224 at 1/500 dilution in immunohistochemical analysis.



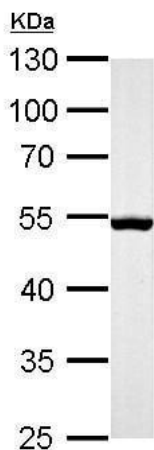
Western blot - Anti-Desmin antibody (ab227224)

Anti-Desmin antibody (ab227224) at 1/1000 dilution + Rat2 (rat fibroblast cell line) whole cell lysate at 30 µg

Developed using the ECL technique.

Predicted band size: 54 kDa

10% SDS-PAGE



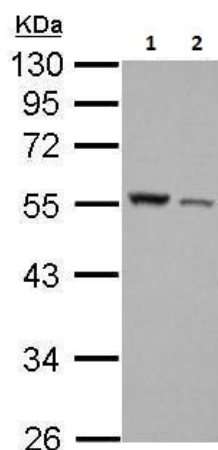
Western blot - Anti-Desmin antibody (ab227224)

Anti-Desmin antibody (ab227224) at 1/500 dilution + RD (human rhabdomyosarcoma cell line) whole cell lysate at 30 µg

Developed using the ECL technique.

Predicted band size: 54 kDa

10% SDS-PAGE



Western blot - Anti-Desmin antibody (ab227224)

All lanes : Anti-Desmin antibody (ab227224) at 1/3000 dilution

Lane 1 : A549 (human lung carcinoma cell line) whole cell lysate

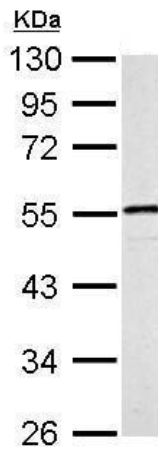
Lane 2 : HCT 116 (human colorectal carcinoma cell line) whole cell lysate

Lysates/proteins at 30 µg per lane.

Developed using the ECL technique.

Predicted band size: 54 kDa

10% SDS-PAGE



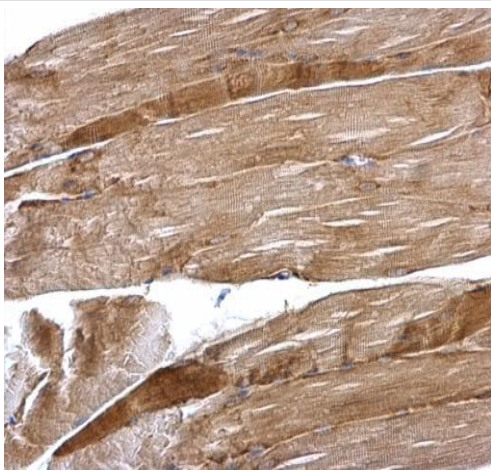
Western blot - Anti-Desmin antibody (ab227224)

Anti-Desmin antibody (ab227224) at 1/1000 dilution + Mouse muscle tissue lysate at 50 µg

Developed using the ECL technique.

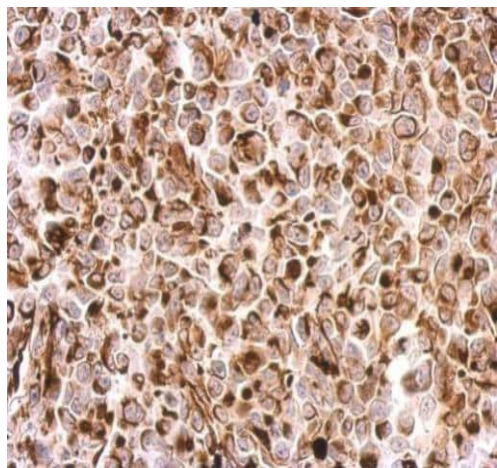
Predicted band size: 54 kDa

10% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Desmin antibody (ab227224)

Paraffin-embedded mouse skeletal muscle tissue stained for Desmin with ab227224 at 1/500 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Desmin antibody (ab227224)

Paraffin-embedded NCI-H1299 (human lung carcinoma cell line) xenograft tissue stained for Desmin with ab227224 at 1/500 dilution in immunohistochemical analysis.

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