

Anti-Desmin Rabbit Monoclonal Antibody

Catalog Number: M01948-1

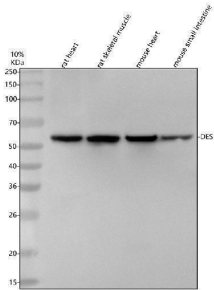
Overview

Product Name	Anti-Desmin Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Desmin Rabbit Monoclonal Antibody catalog # M01948-1. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal BDF-4
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P17661

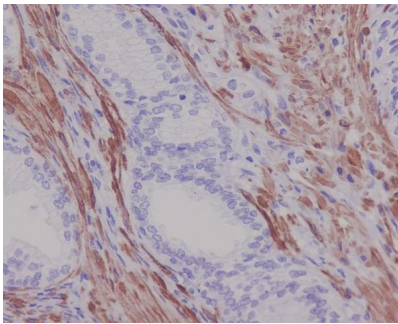
Technical Details

Immunogen	A synthesized peptide derived from human Desmin
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:1000-5000 IHC 1:50-200 ICC/IF 1:50-200

Anti-Desmin Rabbit Monoclonal Antibody (M01948-1) Images



Western blot analysis of Desmin/DES using anti-Desmin/DES antibody (M01948-1). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat heart tissue lysates, Lane 2: rat skeletal muscle tissue lysates, Lane 3: mouse heart tissue lysates, Lane 4: mouse skeletal muscle tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Desmin/DES antigen affinity purified monoclonal antibody (M01948-1) at 1: 10000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for Desmin/DES at approximately 54 kDa. The expected band size for Desmin/DES is at 54 kDa.



Immunohistochemical analysis of paraffin-embedded human prostate, using Desmin Antibody.

4 Publications Citing This Product

1. PubMed ID: 26286600, Identification of apoptosis-related microRNAs and their target genes in myocardial infarction post-transplantation with skeletal myoblasts
2. PubMed ID: 21476855, Qian Q, Qian H, Zhang X, Zhu W, Yan Y, Ye S, Peng X, Li W, Xu Z, Sun L, Xu W. Stem Cells Dev. 2012 Jan;21(1):67-75. Doi: 10.1089/Scd.2010.0519. Epub 2011 Jun 1. 5-Azacytidine Induces Cardiac Differentiation Of Human Umbilical Cord-Derived Mesenchy...
3. PubMed ID: 23560091, Pan X, Chen Z, Huang R, Yao Y, Ma G. Plos One. 2013;8(4):E60335. Doi: 10.1371/Journal.Pone.0060335. Epub 2013 Apr 1. Transforming Growth Factor β 1 Induces The Expression Of Collagen Type I By Dna Methylation In Cardiac Fibroblasts.

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Anti-Desmin Rabbit Monoclonal Antibody

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