

## Anti-Desmin (DESM) Rabbit Monoclonal Antibody, Clone#RM234

Catalog Number: M01948-2

### Overview

Product Name	Anti-Desmin (DESM) Rabbit Monoclonal Antibody, Clone#RM234
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Desmin (DESM) Rabbit Monoclonal Antibody, Clone#RM234 (Catalog # M01948-2). Tested in IHC, WB applications. This antibody reacts with Human, Mouse.
Application	IHC, WB
Clonality	Monoclonal RM234
Formulation	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P17661

### Technical Details

Immunogen	A peptide corresponding to human Desmin
Predicted Reactive Species	Bovine, Rat
Cross Reactivity	This antibody reacts to human and mouse Desmin. This antibody may also react to rat and Bovine Desmin, as predicted by immunogen homology.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry (IHC): 1:1000-1:4000 dilution</p> <p>WB: 1:1000-1:2000 dilution.</p>



## Anti-Desmin (DESM) Rabbit Monoclonal Antibody, Clone#RM234 (M01948-2) Images

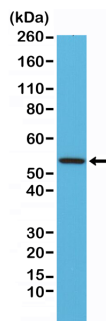


Figure 1. Western Blotting result  
Western Blot of mouse heart tissue lysates using Anti-Desmin RM234 at a 1:1000 dilution, showed a band of Desmin (~54 kDa) expressed in mouse heart.

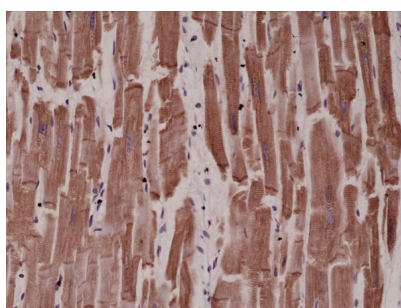


Figure 2. IHC result  
Immunohistochemical staining of formalin fixed and paraffin embedded human heart tissue sections using Anti-Desmin RM234 at a 1:4000 dilution.

### 1 Publications Citing This Product

1. 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...

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