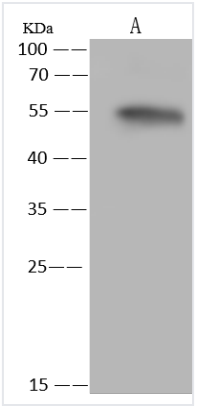
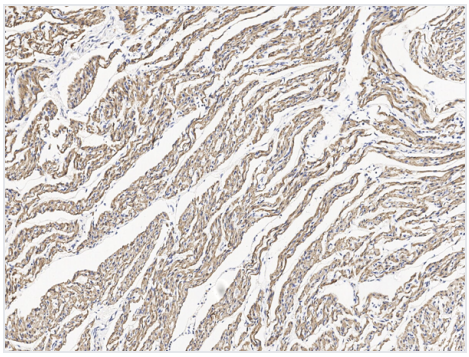
Desmin Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

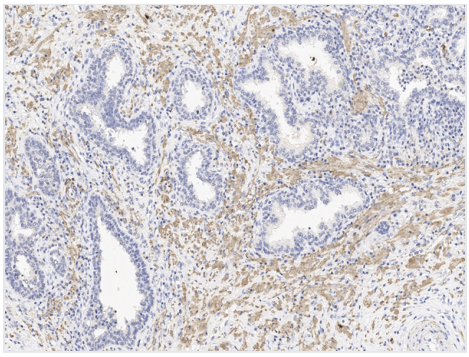
Product Name	Desmin, Polyclonal Antibody
Full Product Name	Anti-Desmin Antibody, Rabbit Polyclonal
Product Synonym Names	desmin; Anti-CSM1 Antibody; Anti-CSM2 Antibody; Anti-LGMD2R Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; 0.2um filtered solution in PBS
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human Desmin
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human Desmin
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human Desmin, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-Desmin antibody	Western Blot (WB), Immunohistochemistry-Paraffin (IHC-P), Immunocytochemistry (ICC), Immunofluorescence (IF)
Application Notes for anti-Desmin antibody	WB: 1:500-1:2000 IHC-P: 1:200-1:1000 ICC/IF: 1:50-1:200
Related Product Information for anti-Desmin antibody	The cohesin loading factor, nipped-B-like protein (NIPBL), is also known as the sister chromatid cohesion 2 (SCC2) human homolog, is a cohesin loading factor which is essential for deposition of cohesin onto the sister chromatid. Recent studies have shown that NIPBL contributes to sister chromatid cohesion and plays a critical role in development, DNA repair, and gene regulation. Downregulation of NIPBL arrested cells in the G0/G1 phase of the cell cycle and induced apoptosis and autophagy of breast cancer cells through the caspase3 and mammalian target of rapamycin (mTOR) signaling pathways. NIPBL, the sister chromatid cohesion 2 (SCC2) human homolog, is a cohesin loading factor which is essential for deposition of cohesin onto the sister chromatid. Recent studies have shown that NIPBL contributes to sister chromatid cohesion and plays a critical role in development, DNA repair, and gene regulation.
Other Notes	Small volumes of anti-Desmin antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Desmin purchase	MBS8124576 is an antibody targeting Desmin. Also known as Anti-Desmin Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.



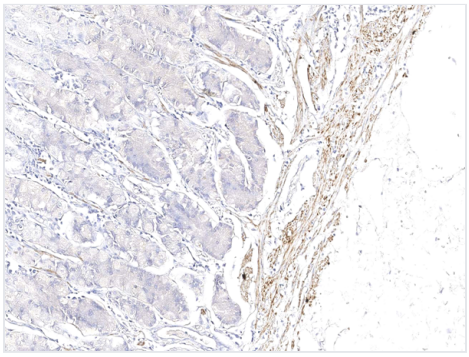
Western Blot (WB) of anti-Desmin antibody
Anti-Desmin rabbit polyclonal antibody at 1:500 dilutionLane A: Mouse heart tissue lysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:53 kDaObserved band size:55 kDa



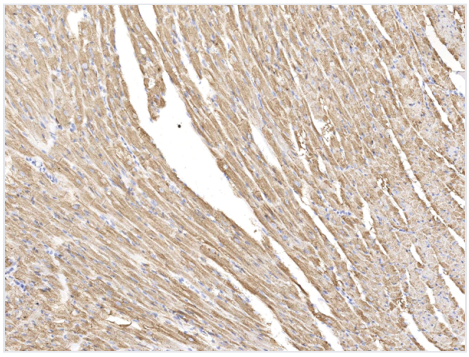
Immunohistochemistry (IHC)-Paraffin of anti-Desmin antibody
Immunochemical staining of human DES in human heart with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



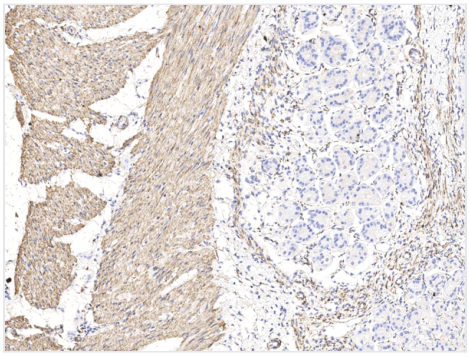
Immunohistochemistry (IHC)-Paraffin of anti-Desmin antibody
Immunochemical staining of human DES in human prostate with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



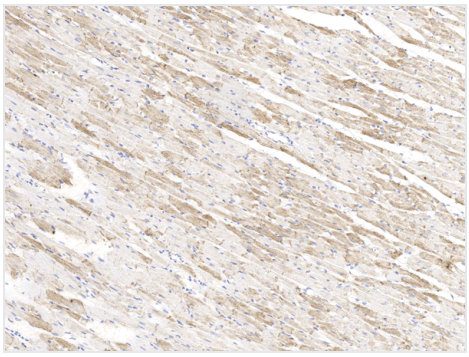
Immunohistochemistry (IHC)-Paraffin of anti-Desmin antibody
Immunochemical staining of human DES in human stomach with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



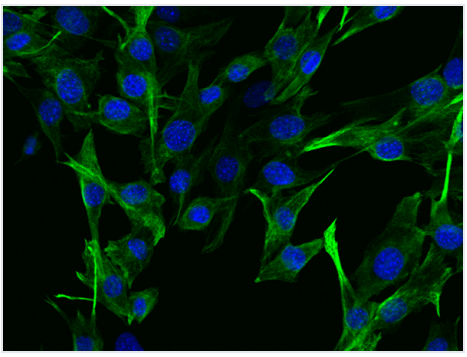
Immunohistochemistry (IHC)-Paraffin of anti-Desmin antibody
Immunochemical staining of Mouse DES in Mouse heart with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemistry (IHC)-Paraffin of anti-Desmin antibody
Immunochemical staining of Mouse DES in Mouse stomach with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemistry (IHC)-Paraffin of anti-Desmin antibody
Immunochemical staining of rat in rat heart with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



Immunofluorescence (IF) of anti-Desmin antibody
Immunofluorescence staining of KLH-SMCCA301 in C2C12 cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-mouse KLH-SMCCA301 polyclonal antibody (dilution ratio 1:100) at 4? overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Cytoplasm.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Desmin. It may not necessarily be applicable to this product.

Protein Family	Desmin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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