

# Product Datasheet

## Desmin Antibody (SI18-00)

### NBP2-67407

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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**NBP2-67407**

Desmin Antibody (SI18-00)

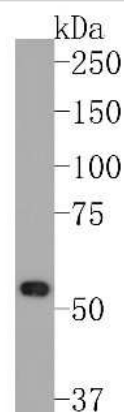
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SI18-00
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	1674
Gene Symbol	DES
Species	Human, Mouse, Rat, Zebrafish
Immunogen	Synthetic peptide within Human Desmin aa 421-470 / 470. (SwissProt: P17661 Human; SwissProt: P31001 Mouse; SwissProt: P48675 Rat)

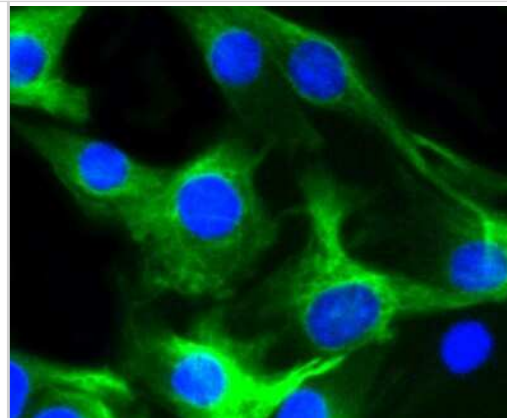
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:5000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

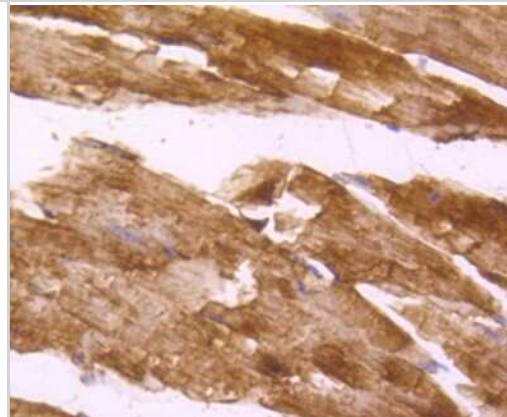
Western Blot: Desmin Antibody (SI18-00) [NBP2-67407] - Western blot analysis of Desmin on rat skeletal muscle tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 ho



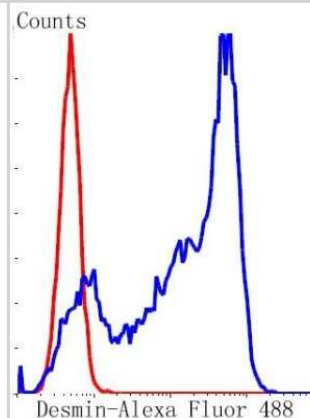
Immunocytochemistry/Immunofluorescence: Desmin Antibody (SI18-00) [NBP2-67407] - Staining Desmin in C2C12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



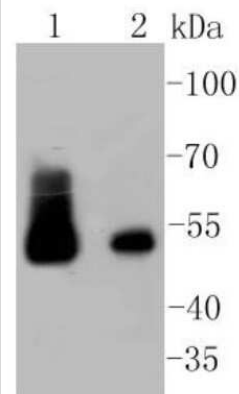
Immunohistochemistry-Paraffin: Desmin Antibody (SI18-00) [NBP2-67407] - Analysis of paraffin-embedded mouse skeletal muscle tissue using anti-Desmin antibody. Counter stained with hematoxylin.



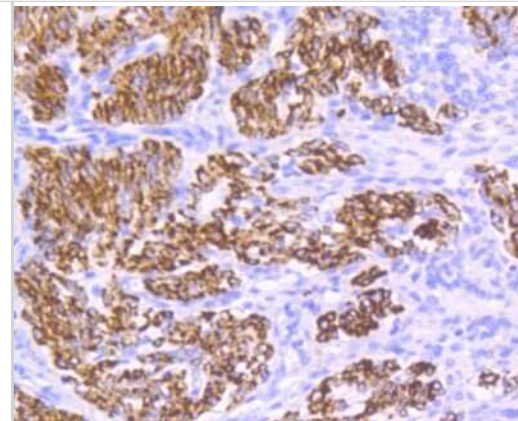
Flow Cytometry: Desmin Antibody (SI18-00) [NBP2-67407] - Analysis of C2C12 cells with Desmin antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



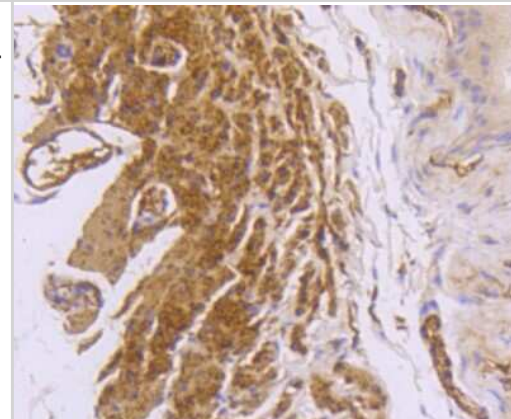
Western Blot: Desmin Antibody (SI18-00) [NBP2-67407] - Analysis of Desmin on different lysates using anti-Desmin antibody at 1/1,000 dilution. Positive control: Lane 1: Human skeletal muscle Lane 2: Mouse heart



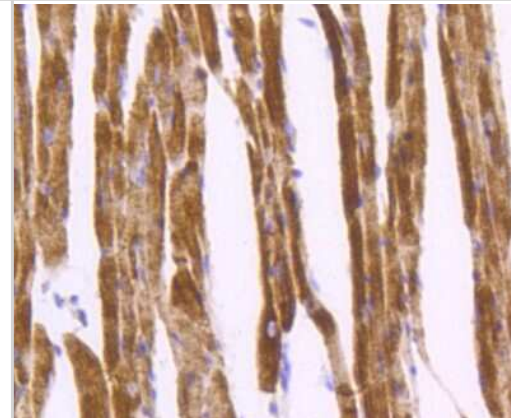
Immunohistochemistry-Paraffin: Desmin Antibody (SI18-00) [NBP2-67407] - Analysis of paraffin-embedded human uterus tissue using anti-Desmin antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Desmin Antibody (SI18-00) [NBP2-67407] - Analysis of paraffin-embedded mouse bladder tissue using anti-Desmin antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Desmin Antibody (SI18-00) [NBP2-67407] - Analysis of paraffin-embedded mouse heart tissue using anti-Desmin antibody. Counter stained with hematoxylin.





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### **Products Related to NBP2-67407**

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00001674-Q01-10ug	Recombinant Human Desmin GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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