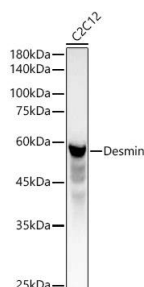
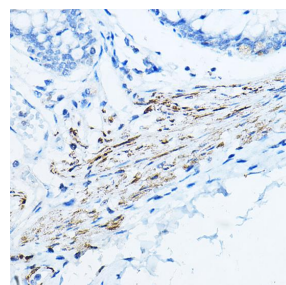


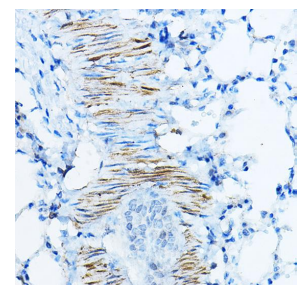
Cat. No:	AB-82627
Conjugate:	Unù
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 90-470 of human Desmin.
Reactivity:	Hu,Ms,Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:100 Immunofluorescence: 1:50 - 1:100 Immunocytochemistry: 1:50 - 1:100
Molecular Weight:	55kDa
Purification:	Aff. Pur.
Synonyms:	DES;CSM1;CSM2;LGMD2R;desmin;Desmin
Background:	This gene encodes a muscle-specific class III intermediate filament. Homopolymers of this protein form a stable intracytoplasmic filamentous network connecting myofibrils to each other and to the plasma membrane. Mutations in this gene are associated with desmin-related myopathy, a familial cardiac and skeletal myopathy (CSM), and with distal myopathies.
Form:	Liquid
Buffer:	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.



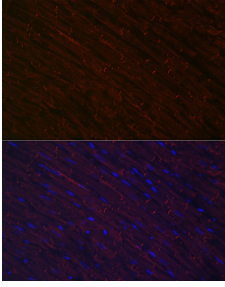
Western blot analysis of extracts of C2C12 cells, using Desmin antibody at 1:400 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECLWest Pico Plus. Exposure time: 30s



Immunohistochemistry of paraffin embedded human colon using Desmin Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol



Immunohistochemistry of paraffin embedded mouse lung using Desmin Rabbit pAb at dilution of 1:100 (40x lens).
Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of rat heart using Desmin Rabbit pAb at dilution of 1:100 (40x lens).
Blue: DAPI for nuclear staining.

References:

Product:Desmin Rabbit pAb
Journal:Journal Of Cellular Physiology
Application:IHC
IF:6.384
Species:Mus musculus
PMID:33230845
Title:SOD3 deficiency induces liver fibrosis by promoting hepatic stellate cell activation and epithelial-mesenchymal transition

References:

Product:Desmin Rabbit pAb
Journal:Plant Physiol
Application:WB
IF:8.34
Species:Triticum aestivum L.
PMID:33576803
Title:A semi-dominant NLR allele causes whole-seedling necrosis in wheat

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