Summary

Production Name	Desmin Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Chromatography

Immunogen

Gene Name	DES
Alternative Names	DES; Desmin
Gene ID	1674
SwissProt ID	P17661

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
Molecular Weight	Calculated MW: 54 kDa; Observed MW: 54 kDa

Background

Desmin a class-III intermediate filaments found in muscle cells. In adult striated muscle they form a fibrous network
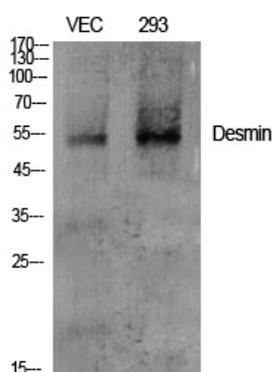
connecting myofibrils to each other and to the plasma membrane from the periphery of the Z-line structures. Mutations in this gene are associated with desmin-related myopathy, a familial cardiac and skeletal myopathy (CSM), and with distal myopathies.
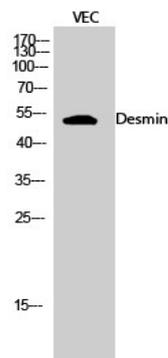
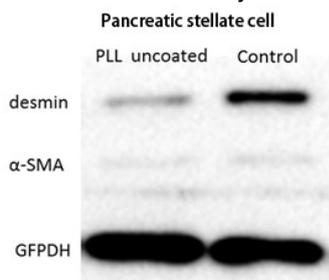## Research Area

Signal Transduction

Image Data

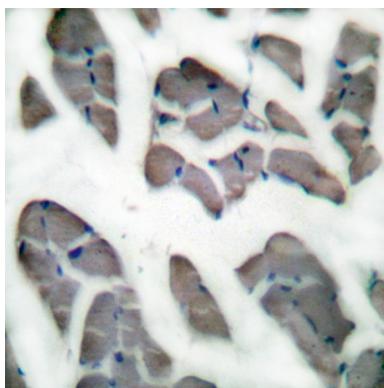Western blot analysis of Desmin in various lysates using Desmin antibody.

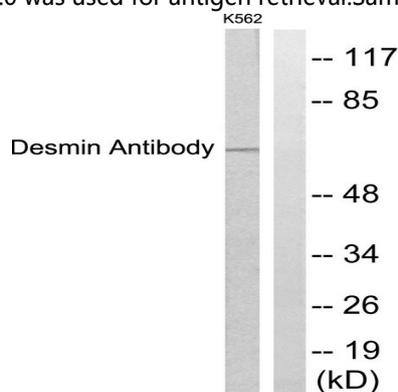Western blot analysis of Desmin in VEC lysates using Desmin antibody.

Western blot analysis of Desmin in pancreatic stellate lytsates using Desmin antibody.

EnkiLife

Immunohistochemistry analysis of paraffin-embedded Human skeletal muscle tissue using Desmin antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Sample with blocking peptide on the right.

Western blot analysis of Desmin in K562 lytsates using Desmin antibody. The lane on the right is blocked with the synthesized peptide.

Note
For research use only.