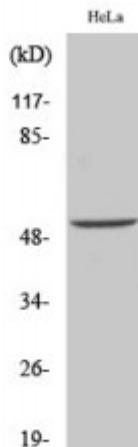


Anti-Desmin antibody



Description	Rabbit polyclonal to Desmin.
--------------------	------------------------------

Model	STJ92692
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Desmin around the non-phosphorylation site of S60.
Immunogen Region	40-120 aa
Gene ID	1674
Gene Symbol	DES
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	Desmin Polyclonal Antibody detects endogenous levels of Desmin protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Desmin
Molecular Weight	54 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2770 OMIM:125660
Alternative Names	Desmin
Function	Desmin are 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 . May act as a sarcomeric microtubule-anchoring protein: specifically associates with detyrosinated tubulin-alpha chains, leading to buckled microtubules and mechanical resistance to contraction.
Cellular Localization	Cytoplasm, myofibril, sarcomere, Z line Cytoplasm Cell membrane, sarcolemma. Localizes in the intercalated disks which occur at the Z line of cardiomyocytes .
Post-translational Modifications	ADP-ribosylation prevents ability to form intermediate filaments.

St John's Laboratory Ltd

F +44 (0)207 681 2580

W <http://www.stjohnslabs.com/>

T +44 (0)208 223 3081

E info@stjohnslabs.com