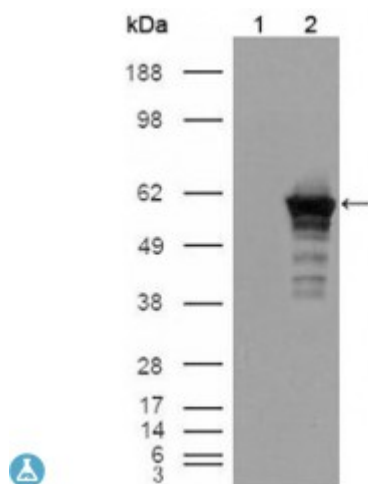


Anti-Desmin antibody



Description	Mouse monoclonal to Desmin.
Model	STJ97999
Host	Mouse
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Purified recombinant fragment of Desmin expressed in E. Coli.
Gene ID	1674
Gene Symbol	DES
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000ELISA 1:10000
Specificity	Desmin Monoclonal Antibody detects endogenous levels of Desmin protein.
Purification	Affinity purification
Clone ID	10H7D2
Note	For Research Use Only (RUO).
Protein Name	Desmin
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1
Formulation	Purified antibody in PBS containing 0.03% sodium azide.

Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2770OMIM: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.

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