

Human Desmin Biotinylated Antibody

Antigen Affinity-purified Polyclonal Goat IgG Catalog Number: BAF3844

DESCRIPTION		
	Human	
Species Reactivity		
Specificity	Detects human Desmin in Western blots.	
Source	Polyclonal Goat IgG	
Purification	Antigen Affinity-purified	
Immunogen	E. coli-derived recombinant human Desmin Val261-Leu470 Accession # P17661	
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.	
APPLICATIONS Please Note: Optimal dilution	ions should be determined by each laboratory for each application.	General Protocols are available in the Technical Information section on our website.
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	Recommended S Concentration	
Please Note: Optimal dilutu	Recommended S Concentration 0.1 μg/mL R	ample
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Please Note: Optimal dilute Western Blot PREPARATION AND	Recommended Concentration 0.1 μg/mL R STORAGE Reconstitute at 0.2 mg/mL in sterile PBS.	ample

Desmin is a 53 kDa, muscle-specific molecule that belongs to the intermediate filament superfamily of cytoskeletal proteins. Cytoplasmic Desmin homopolymers form stable filamentous networks that stabilize lateral alignments of myofibrils. Human Desmin is 470 amino acid peptide. It contains an N-terminal head segment (aa 1-84), multiple coiled regions (aa 109-412) and a tail region (aa 413-470). Single amino acid substitutions and three-amino acid deletions are associated with cardioskeletal myopathies. Most mutations affect filament assembly. Desmin is a highly conserved protein. Over the region used as immunogen, human Desmin is 99% identical to the corresponding mouse, canine and porcine protein sequences.

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