
Desmin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251398

Unit: 0.1 mg

Description:

Desmin is a class-III intermediate filament found in muscle cells. In adult striated muscle desmin forms a fibrous network connecting myofibrils to each other and to the plasma membrane from the periphery of the Z-line structures. Defects in desmin are the cause of myopathy myofibrillar desmin-related (MFM-DES), also known as desmin-related myopathy (DRM). DRM is neuromuscular disorder characterized by skeletal muscle weakness associated with cardiac conduction blocks, arrhythmias, restrictive heart failure, and by myofibrillar destruction with intracytoplasmic accumulation of desmin-reactive deposits in cardiac and skeletal muscle cells. Defects in desmin are the cause of cardiomyopathy dilated type 1I (CMD1I). Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Patients are at risk of premature death.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: DES; Desmin

Accession No.: P17661

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human desmin.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.