

Product Datasheet

Desmin Antibody



Catalog No: CY5218

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF

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Information

UniProt ID: P17661

All Names: CMD1I; CSM1; CSM2; DES; DESM; Desmin; FLJ12025; FLJ39719; FLJ41013; FLJ41793; intermediate filament protein

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 53 kDa

Application

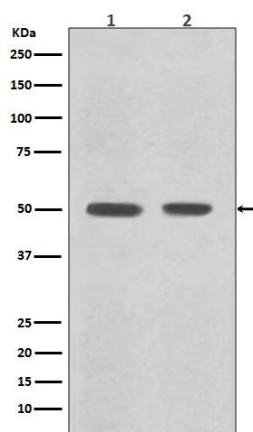
WB: 1:10000~1:20000

IHC: 1:100~1:500

ICC/IF: 1:50~1:100

Background

Desmin is a class-III intermediate filament 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.



Western blot analysis of Desmin expression in (1) Mouse heart tissue lysate; (2) Rat heart tissue lysate.

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