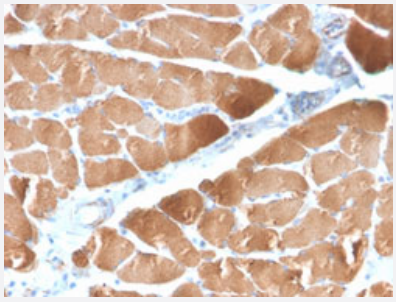
RecomAb™

DES recombinant monoclonal antibody, clone DES/2960R

Catalog # RAB00404 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skeletal muscle with DES recombinant monoclonal antibody, clone DES/2960R (Cat # RAB00404).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human DES.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human DES.
Theoretical MW (kDa)	52
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS

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Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skeletal muscle with DES recombinant monoclonal antibody, clone DES/2960R (Cat # RAB00404).

Gene Info — DES

Entrez GeneID	1674
Protein Accession#	P17661
Gene Name	DES
Gene Alias	CMD1I, CSM1, CSM2, FLJ12025, FLJ39719, FLJ41013, FLJ41793
Gene Description	desmin
Omim ID	125660 601419 604765
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a muscle-specific class III intermediate filament. Homopolymers of this protein form a stable intracytoplasmic filamentous network connecting myofibrils to each other and to the plasma membrane. Mutations in this gene are associated with desmin-related myopathy, a familial cardiac and skeletal myopathy (CSM), and with distal myopathies. [provided by RefSeq
Other Designations	OTTHUMP00000064865|intermediate filament protein

Pathway

- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- Hypertrophic cardiomyopathy (HCM)

Disease

- Cardiomyopathy

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- Cardiovascular Diseases
- Diabetes Mellitus
- Edema

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