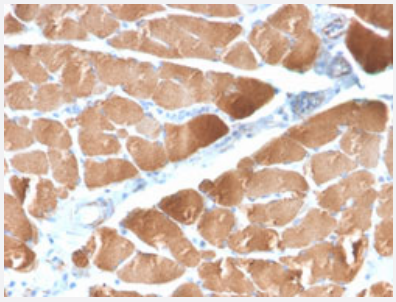
RecomAb™

# DES recombinant monoclonal antibody, clone DES/2960R

Catalog # RAB00403 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 # RAB00403).

## 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)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In 10 mM PBS (0.05% BSA, 0.05% sodium azide) |
| **Storage Instruction** | Store at 2 to 8°C. |

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|---|---|
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## 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 # RAB00403).

## 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 famili al 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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