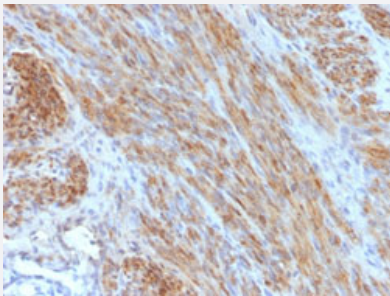


DES monoclonal antibody, clone DES/1711

Catalog # MAB14753 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human uterus with DES monoclonal antibody, clone DES/1711 (Cat # MAB14753).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human DES.
Immunogen	Recombinant protein corresponding to full length human DES.
Host	Mouse
Theoretical MW (kDa)	52
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.

Storage Instruction

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

Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human uterus with DES monoclonal antibody, clone DES/1711 (Cat # MAB14753).

- Immunofluorescence
- Flow Cytometry

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

Publication Reference

- [Human desmin-coding gene: complete nucleotide sequence, characterization and regulation of expression during myogenesis and development.](#)

Li ZL, Lilienbaum A, Butler-Browne G, Paulin D.

Gene 1989 May; 78(2):243.

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)

Disease

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)