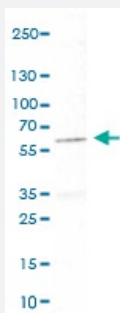


DES monoclonal antibody, clone CL4501

Catalog # MAB15712 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of RH-30 cell lysate.

Specification

Product Description Mouse monoclonal antibody raised against synthetic peptide of human DES.

Immunogen A synthetic peptide corresponding to human DES.

Sequence HTKKTVMIKTIETRDGE

Host Mouse

Reactivity Human

Form Liquid

Purification Protein A purification

Isotype IgG1

Recommend Usage Western Blot (1:500-1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of RH-30 cell lysate.

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](#)

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