

Desmin Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0441
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of Desmin expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Desmin
Synonyms	DES; Desmin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

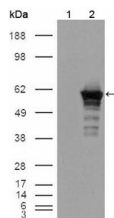
ELISA: 1:10000

IHC: 1:200 - 1:1000

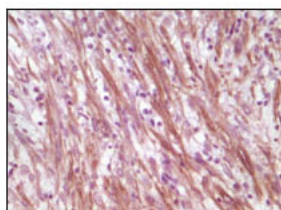
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using Desmin Monoclonal antibody against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY Desmin cDNA (2).



Immunohistochemistry analysis of paraffin-embedded human smooth muscle sarcoma, showing cytoplasmic localization with DAB staining using Desmin Monoclonal antibody.

Storage

-20°C for one year

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