

Mouse anti Desmin, clone BS21 (Monoclonal)

Clone no. BS21

MONOSAN

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Product name	Mouse anti Desmin, clone BS21 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:100-1:400), IHC-fr
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	BS21
Size	1 ml
Concentration	n/a
Format	Concentrate
Storage buffer	Tris Buffer, pH 7.2 with 0.03% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Desmin (DES), with 470-amino acid protein (about 52kDa), belongs to the intermediate filament family and Desmin is class III intermediate filaments found in muscle cells. Homopolymers of Desmin form a stable intracytoplasmic filamentous network connecting myofibrils to each other and to the plasma membrane. Mutations in Desmin are associated with desmin-related myopathy, a familial cardiac and skeletal myopathy (CSM), and with distal myopathies. Desmin is also expressed in smooth muscle cells of both airways and alveolar ducts and Desmin is a load-bearing protein that stiffens the airways and consequently the lung and modulates airway contractile response.

**References**

1. -
2. -
3. -
4. -
5. -

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