

Mouse monoclonal antibody to Desmin: IgG

Catalogue No.:	M-1186-100
Description:	Desmin are class-III intermediate filaments expressed in smooth, cardiac and heart muscles. Desmin homopolymers form a stable fibrous network connecting myofibrils to each other and to the plasma membrane.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Desmin from pig stomach
Other Names:	DES; Desmin; CSM1; CSM2; CMD11;
Accession:	P02540 DESM_PIG; P17661 DESM_HUMAN;
Produced in:	Mouse
Purity:	IgG1
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 2.0 ug/mL is recommended for WB. Human Desmin has a predicted length of 470 residues and MW of 54 kDa. A concentration of 2.0-4.0 ug/mL is recommended to detect Desmin in formalin fixed and paraffin embedded tissues. Heat retrieval is necessary. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; mouse; rat;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN ₃
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for up to six months. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase, unopened.

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