



## Mouse monoclonal antibody to Desmin [DES-82]: IgG

<b>Catalogue No.:</b>	M-1186-100
<b>Description:</b>	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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Desmin from pig stomach
<b>Clone:</b>	DES-82
<b>Other Names:</b>	DES; Desmin; CSM1; CSM2; CMD11;
<b>Accession:</b>	P02540 DESM_PIG; P17661 DESM_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	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. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human; mouse; rat;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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FOR RESEARCH USE ONLY