

## Mouse monoclonal antibody to human Dystrophin [DYS-48]: IgG

<b>Catalogue No.:</b>	M-979-100
<b>Description:</b>	THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Dystrophin is a large cytoskeletal protein (426 kDa) found at the inner surface of muscle fibres. Dystrophin is part of the dystrophin glycoprotein complex (DGC), which bridges the inner cytoskeleton (F actin) and the extracellular matrix.
<b>Replaced by:</b>	M-1833-100, Mouse monoclonal antibody to human dystrophin [MANDYS8]: ascites
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Recombinant human dystrophin fragment. The epitope is thought to be in the rod domain of human dystrophin.
<b>Clone:</b>	DYS-48
<b>Other Names:</b>	DMD; Dystrophin-4;
<b>Accession:</b>	P11532 DMD_HUMAN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for WB. Human dystrophin has a predicted length of 3,685 residues and MW of 427 kDa. A concentration of 2.0-4.0 ug/mL is recommended to detect dystrophin 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; chicken;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg Na <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

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