



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

Catalogue No.:	M-979-100
Description:	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.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Recombinant human dystrophin fragment. The epitope is thought to be in the rod domain of human dystrophin.
Clone:	DYS-48
Other Names:	DMD; Dystrophin-4;
Accession:	P11532 DMD_HUMAN
Produced in:	Mouse
Purity:	IgG
Applications:	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.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; mouse; rat; chicken;
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 a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase.

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