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Product datasheet for TA353791

Dystrophin (DMD) Mouse Monoclonal Antibody [Clone ID: SPM 499]

Product data:

Product Type:	Primary Antibodies
Clone Name:	SPM 499
Applications:	IHC
Recommended Dilution:	IHC-P
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Synthetic peptide corresponding to C-terminus of human dystrophin.
Formulation:	PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.
Purification:	protein A/G
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	427 kDa
Gene Name:	dystrophin
Database Link:	NP_004006 Entrez Gene 1756 Human P11532
Background:	Dystrophin is a member of the spectrin/alpha-actinin family of actin-binding, triple helix rodcontaining proteins. It is absent or greatly reduced in individuals with the X-linked recessive Duchennes muscular dystrophy disorder, as well as in mice with the mdx (murine muscular dystrophy) mutation. This antibody is highly specific to dystrophin and shows no cross-reaction with C-protein (an isoform of β-actinin), β-actin, or human muscle spectrin.
Synonyms:	BMD; CMD3B; DXS142; DXS164; DXS206; DXS230; DXS239; DXS268; DXS269; DXS270; DXS272; MRX85

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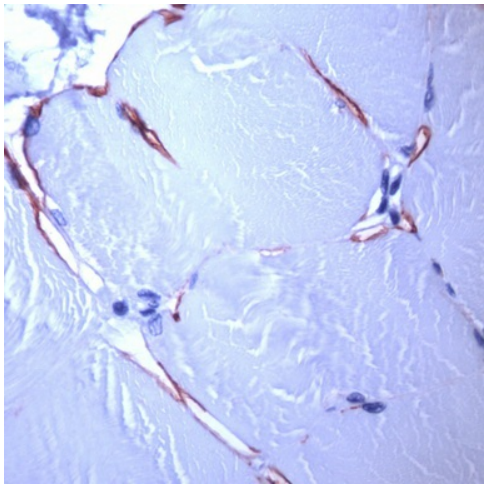
Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, Hypertrophic cardiomyopathy (HCM), Viral myocarditis

Product images:



Human Skeletal Muscle stained with anti-Dystrophin antibody.