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39-1032: Anti-Dystrophin Monoclonal Antibody (Clone: MANDYS8)

Clonality :	Monoclonal
Clone Name :	MANDYS8
Application :	WB,IHC-P
Reactivity :	Human
Gene :	Dmd
Gene ID :	24907
Uniprot ID :	P11530
Alternative Name :	Dystrophin; Dmd
Isotype :	Mouse IgG2b
Immunogen Information :	Recombinant human dystrophin fragment.

Description

Dystrophin(DMD) gene has 79 exons spanning at least 2,300 kb(2.3 Mb). The C terminus of the dystrophin protein is encoded by a highly conserved, alternatively spliced region of the gene. beta-dystroglycan binding activity is expressed by the dystrophin fragment spanning amino acids 3026-3345 containing the ZZ domain. DMD transcript is formed by at least 60 exons; the first half of the transcript is formed by a minimum of 33 exons spanning nearly 1000 kb, and the remaining portion has at least 27 exons that may spread over a similar distance. Dystrophin gene is expressed at a higher level in primary cultures of neuronal cells than in astro-glial cells derived from adult mouse brain. overexpression of dystrophin prevents the development of the abnormal mechanical properties associated with dystrophic muscle without causing deleterious side effects.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 1-2Ã□Â¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 2-4Ã□Â¼g/ml