
Dystrophin Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251744

Unit: 0.1 mg

Description:

Dystrophin anchors the extracellular matrix to the cytoskeleton via F-actin. Dystrophin is the ligand for dystroglycan. Dystrophin is a component of the dystrophin-associated glycoprotein complex which accumulates at the neuromuscular junction (NMJ) and at a variety of synapses in the peripheral and central nervous systems and has a structural function in stabilizing the sarcolemma. Defects in DMD are the cause of Duchenne muscular dystrophy (DMD). DMD is the most common form of muscular dystrophy; a sex-linked recessive disorder. It typically presents in boys aged 3 to 7 year as proximal muscle weakness causing waddling gait, toe-walking, lordosis, frequent falls, and difficulty in standing up and climbing up stairs.

Isotype: Mouse IgG2b

Applications: E, WB, IHC

Species Reactivity: H, M, R, Ck

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Dystrophin; DMD

Accession No.: P11532

Antigen: Recombinant human dystrophin fragment.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.