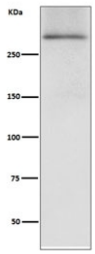
Dystrophin Antibody AOGG-4 / Recombinant Rabbit Monoclonal [clone AOGG-4] (RQ5369)

Catalog No.	Formulation	Size
RQ5369	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Recombinant RABBIT MONOCLONAL

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AOGG-4
Purity	Affinity purified
UniProt	P11532
Applications	Western blot: 1:500-1:2000
Limitations	This Dystrophin Antibody AOGG-4 is available for research use only.



Dystrophin Antibody AOGG-4 Human Fetal Heart WB. Western blot testing of human fetal heart lysate with Dystrophin antibody. Predicted molecular weight ~427 kDa.

Description

Dystrophin Antibody AOGG-4 detects Dystrophin / DMD. The DMD gene spans a genomic range of greater than 2 Mb and encodes a large protein containing an N-terminal actin-binding domain and multiple spectrin repeats. The encoded protein forms a component of the dystrophin-glycoprotein complex (DGC), which bridges the inner cytoskeleton and the extracellular matrix. Deletions, duplications, and point mutations at this gene locus may cause Duchenne muscular dystrophy (DMD), Becker muscular dystrophy (BMD), or cardiomyopathy. Alternative promoter usage and alternative splicing result in numerous distinct transcript variants and protein isoforms for this gene. [RefSeq]

This DMD antibody can be compared with our Dystrophin Antibody (clone DMD/3241) for analysis of dystrophin expression across muscle structure and neuromuscular disease studies.

Application Notes

Optimal dilution of the Dystrophin Antibody AOGG-4 should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Dystrophin / DMD was used as the immunogen for the Dystrophin Antibody AOGG-4.

Storage

Store the Dystrophin Antibody AOGG-4 at -20oC.

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