Product datasheet

Anti-Dystrophin/DMD Antibody (Clone#AOGG-4)

Catalog Number: *BM4952*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com

Basic Information

Product Name	Anti-Dystrophin/DMD Antibody (Clone#AOGG-4)
Gene Name	DMD
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human Dystrophin
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	427 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

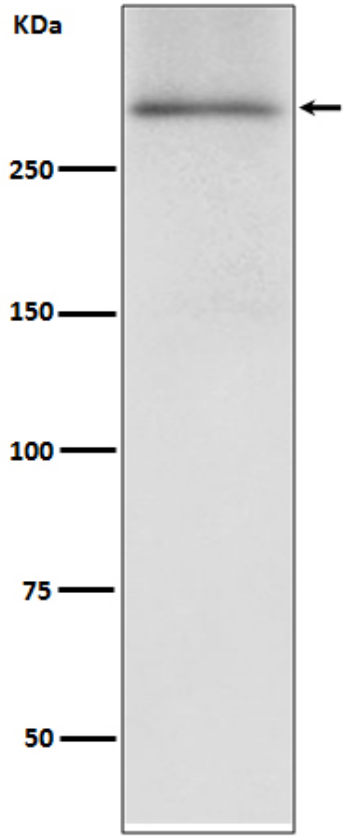
Dystrophin(DMD) gene has 79 exons spanning at least 2,300 kb(2.3 Mb). The C terminus of the dystrophin protein is encoded by a highly conserved, alternatively spliced region of the gene. beta-dystroglycan binding activity is expressed by the dystrophin fragment spanning amino acids 3026-3345 containing 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.

Selected Validation Data

Anti-Dystrophin/DMD Antibody (Clone#AOGG-4)

Catalog Number: *BM4952*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com



Western blot analysis of Dystrophin expression in human fetal heart lysate.