

**Anti-DMD / Dystrophin Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17802****Specification**

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**Anti-DMD / Dystrophin Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">P11532</a>
Predicted	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	426750

**Anti-DMD / Dystrophin Antibody - Additional Information****Gene ID** 1756Alias Symbol **DMD****Other Names**

DMD, BMD, CMD3B, DXS206, Dystrophin, DXS230, DXS239, DXS269, DXS142, DXS268, DXS164, DXS270, DXS272

**Target/Specificity**

c-terminal

**Reconstitution & Storage**

Affinity purified

**Precautions**

Anti-DMD / Dystrophin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-DMD / Dystrophin Antibody - Protein Information****Name** DMD**Function**

Anchors the extracellular matrix to the cytoskeleton via F- actin. Ligand for dystroglycan. 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. Also implicated in signaling events and synaptic transmission.

**Cellular Location**

Cell membrane, sarcolemma {ECO:0000250|UniProtKB:P11531}; Peripheral membrane protein {ECO:0000250|UniProtKB:P11531}; Cytoplasmic side {ECO:0000250|UniProtKB:P11531}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:P11531}. Postsynaptic cell membrane

{ECO:0000250|UniProtKB:P11531}. Note=In muscle cells, sarcolemma localization requires the presence of ANK2, while localization to costameres requires the presence of ANK3. Localizes to neuromuscular junctions (NMJs). In adult muscle, NMJ localization depends upon ANK2 presence, but not in newborn animals. {ECO:0000250|UniProtKB:P11531}

**Tissue Location**

Expressed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma. Expressed in brain, muscle, kidney, lung and testis. Most tissues contain transcripts of multiple isoforms. Isoform 15: Only isoform to be detected in heart and liver and is also expressed in brain, testis and hepatoma cells

**Anti-DMD / Dystrophin Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-DMD / Dystrophin Antibody - Images**