

## Rabbit anti-Human Dysferlin Monoclonal Antibody | anti-DYSF antibody

Dysferlin Rabbit mAb

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA282745</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

Dysferlin; Monoclonal Antibody; Dysferlin Rabbit mAb; MMD1; FER1L1; LGMD2B; LGMDR2; Dysferlin (Romeo); anti-DYSF antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                 |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                          |
| Reactivity                                     | Human                                                                                                           |
| Clonality                                      | Monoclonal                                                                                                      |
| Isotype                                        | IgG                                                                                                             |
| Purity/Purification                            | Affinity purification                                                                                           |
| Form/Format                                    | PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.                                                    |
| Sequence                                       | FEWDLKGIPL DQGSELHVVV KDHETMGRNR FLGEAKVPLR EVLATPSLSA SFNAPLLDTK KQPTGASLVL QVSYTLP LGA VPLFPPTPL EPSPTLPDLD V |
| Applicable Applications for anti-DYSF antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                            |
| Immunogen                                      | A synthetic peptide corresponding to a sequence within amino acids 50-150 of human Dysferlin (Romeo)(O75923).   |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human placenta using Dysferlin (Romeo) Rabbit mAb (AAA282745) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



#### WB (Western Blot)

Western blot analysis of lysates from RD cells, using Dysferlin (Romeo) Rabbit mAb (AAA282745) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DYSF antibody | The protein encoded by this gene belongs to the ferlin family and is a skeletal muscle protein found associated with the sarcolemma. It is involved in muscle contraction and contains C2 domains that play a role in calcium-mediated membrane fusion events, suggesting that it may be involved in membrane regeneration and repair. In addition, the protein encoded by this gene binds caveolin-3, a skeletal muscle membrane protein which is important in the formation of caveolae. Specific mutations in this gene have been shown to cause autosomal recessive limb girdle muscular dystrophy type 2B (LGMD2B) as well as Miyoshi myopathy. Alternative splicing results in multiple transcript variants. |
| Product Categories/Family for anti-DYSF antibody   | Cell Biology Developmental Biology; Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                            |                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                  | 195976821                                                                                      |
| NCBI GeneID                | 8291                                                                                           |
| NCBI Accession #           | NP_001123927.1                                                                                 |
| NCBI GenBank Nucleotide #  | NM_001130455.1                                                                                 |
| UniProt Accession #        | O75923; B1PZ70; B1PZ71; B1PZ72; B1PZ73; B1PZ74; B1PZ75; B1PZ76; B1PZ77; B1PZ78; B1PZ79; B1PZ80 |
| Molecular Weight           | Calculated MW: 237kDa<br>Observed MW: 280kDa                                                   |
| UniProt Protein Name       | Dysferlin                                                                                      |
| UniProt Gene Name          | DYSF                                                                                           |
| UniProt Synonym Gene Names | FER1L1                                                                                         |
| UniProt Entry Name         | DYSF_HUMAN                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/dysferlin-antibody-immunohistochemistry-western-blot-elisa/282745>