

# Product Datasheet

## Dystrophin Antibody (3A11) - Azide and BSA Free H00001756-M07

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00001756-M07**

Dystrophin Antibody (3A11) - Azide and BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 mg                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| Clonality           | Monoclonal                                                                                                       |
| Clone               | 3A11                                                                                                             |
| Preservative        | No Preservative                                                                                                  |
| Isotype             | IgG1 Kappa                                                                                                       |
| Purity              | IgG purified                                                                                                     |
| Buffer              | In 1x PBS, pH 7.4                                                                                                |

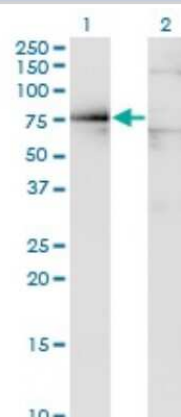
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Quality control test: Antibody Reactive Against Recombinant Protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene ID                 | 1756                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Symbol             | DMD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity/Sensitivity | DMD - dystrophin (muscular dystrophy, Duchenne and Becker types) (3A11)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen               | DMD (AAH28720.1, 1 a.a. ~ 635 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MREQLKGHETQTTTCWDHPKMTELYQSLADLNNVRFSA YRTAMKLRRRLQKALC<br>LDLLSLSAACDALDQHNLKQNDQPM DILQIINCLTTIYDRLEQEHNNLVNVPLCV<br>DMCLNWLLNVYDTGRTGRIRVLSFKTGIISLCKAHLEDKYRYLFKQVASSTGFC<br>DQRRGLLLHDSIQIPRQLGEVASFGGSNIEPSVRSCFQFANNKPEIEAALFLD<br>WMRLEPQSMVWLPVLHRVAAAE TAKHQAKCNICKECPIIGFRYRSLKHFN YDIC<br>QSCFFSGRVAKGHKMHYPMVEYCTPTTSGEDVRDFAKVLKNKFRTKRYFAKH<br>PRMGYLPVQTVLEGDNMETPVT LINFVPVDSAPASSPQLSHDDTHSRIEHYAS<br>RLAEMENSNGSYLND SISP NESIDDEHLLIQHYCQSLNQDSPLSQPRSPAQILIS<br>LESEERGELERILADLEEENRNLQAEYDRLKQQHEHKGLSPLSPPEMMPTSP<br>QSPRDAELIAEAKLLRQHKGRLEARMQILEDH NKQLESQ LHRRLRQLLEQPQAE<br>AKVNGTTVSSPSTSLQRS DSSQPM LLRVVGSQTSDSMGEEDLLSPPQDTSTG<br>LEEVMEQLNNSFPSSRGHNVGSLFHMADDLGRAMESLVSVMTDEEGAE |
| Notes                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| Product Application Details |                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA, Immunoprecipitation                                                                                   |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Immunoprecipitation 1:10-1:500                                                                  |
| Application Notes           | Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control. |

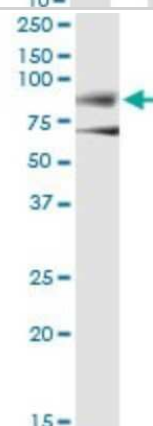


## Images

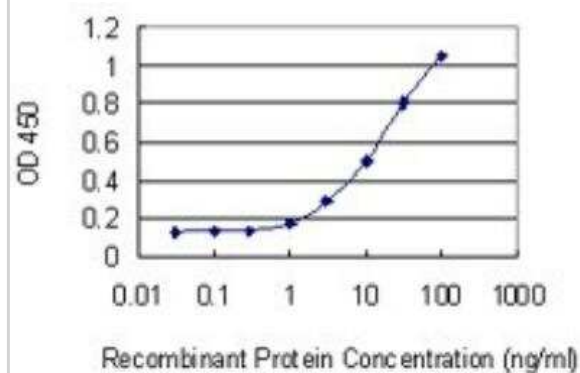
Western Blot: Dystrophin Antibody (3A11) [H00001756-M07] - Analysis of DMD expression in transfected 293T cell line by DMD monoclonal antibody (M07), clone 3A11. Lane 1: DMD transfected lysate (72.2 KDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: Dystrophin Antibody (3A11) [H00001756-M07] - Analysis of DMD transfected lysate using anti-DMD monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with DMD rabbit polyclonal antibody.



ELISA: Dystrophin Antibody (3A11) [H00001756-M07] - Detection limit for recombinant GST tagged DMD is 0.3 ng/ml as a capture antibody.





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### **Products Related to H00001756-M07**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg   | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| H00001756-P01-10ug | Recombinant Human Dystrophin GST (N-Term) Protein       |

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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