



## MOUSE ANTI-HUMAN MEROSIN (M-CHAIN) MONOCLONAL ANTIBODY

<b>CATALOG NUMBER:</b>	MAB1922Z
<b>LOT NUMBER:</b>	
<b>QUANTITY:</b>	100 µg
<b>CONCENTRATION:</b>	1 mg/mL
<b>CLONE NAME:</b>	5H2
<b>SPECIFICITY:</b>	Reacts with the 80 kDa fragment of the M-chain of human merosin.
<b>IMMUNOGEN:</b>	Purified human merosin.
<b>ISOTYPE:</b>	IgG <sub>1</sub>
<b>APPLICATIONS:</b>	ELISA: 50% maximal binding to human merosin at 1:50,000. Immunohistochemistry: 1:5,000 for staining of 8 µm acetone-fixed cryostat muscle sections, prior to detection with a peroxidase-conjugated secondary antibody. Immunofluorescence Affinity chromatography Immunoprecipitation Immunoblotting Optimal working dilutions must be determined by end user.
<b>SPECIES REACTIVITIES:</b>	Cross reacts with monkey and rabbit merosin.
<b>FORMAT:</b>	Protein A purified antibody. Sterile. No preservative.
<b>STORAGE/HANDLING:</b>	Maintain material at 2-8°C.
<b>REFERENCES:</b>	1. Engvall, E., et al. (1990) <i>Cell Regulation</i> <b>1</b> :731. 2. Leivo, I. and Engvall, E. (1988) <i>Proc. Natl. Acad. Sci. USA</i> <b>85</b> :1544. 3. Mundegar, R., et al. (1995). <i>Muscle &amp; Nerve</i> , <b>18</b> :992-999. 4. Marbini, A., et al. (1997) <i>Acta Neuropathol</i> , <b>94</b> :103-108. 5. Sewry, C.A., et al. (1995) <i>Neuromusc. Disord.</i> <b>5(4)</b> : 307-316. 6. Taylor, J. et al. (1997) <i>Neuromusc. Disord.</i> <b>7</b> : 211-216. 7. Noam, I. et al. (1997) <i>Hum Genet.</i> <b>99</b> : 535-540. 8. Noam, I. et al. (1997) <i>Neuromusc. Disord.</i> <b>7</b> : 176-179. 9. Tan, E. et al. (1997) <i>Neuromusc. Disord.</i> <b>7</b> : 85-89. 10. Noam, I. et al. (1997) <i>J. of Medical Genetics</i> <b>34(2)</b> : 99-104. 11. Sewry, C.A. et al. (1996) <i>The Lancet</i> <b>347</b> : 582-584. 12. Sewry, C.A. et al. (1995) <i>Histochemical Journal</i> <b>27</b> : 497-504. 13. Sewry, C.A. et al. (1997) <i>Neuromuscular Disorders</i> <b>7</b> : 169-175.



**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200  $\mu$ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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