



MOUSE ANTI-DYSTROPHIN MONOCLONAL ANTIBODY

CATALOG NO:	MAB1645
LOT NUMBER:	
QUANTITY:	100 µg
CONCENTRATION:	XX mg/mL
SPECIFICITY:	By Western blot MAB1645 recognizes a single protein having a relative molecular weight of 300 kD. Reacts to mammalian skeletal muscle dystrophin. Shows no staining of mdx mouse muscle. Labels normal human muscle but not Duchenne muscle.
IMMUNOGEN:	Peripheral membrane proteins extracted from Torpedo postsynaptic membranes.
ISOTYPE:	IgG ₁
CLONE NUMBER:	1808
APPLICATIONS:	Western blot Immunohistochemistry Optimal working dilutions must be determined by the end user.
STAINING PATTERN:	On cryostat sections of normal mouse diaphragm MAB1645 gives strong immunofluorescence staining of the entire sarcolemma, with particularly strong staining of neuromuscular junctions.
POSITIVE CONTROL:	Snap frozen normal human or rat striated muscle.
SPECIES REACTIVITY:	Labels skeletal muscle from rat, chicken and <i>Xenopus laevis</i> . Labels cardiac muscle from rat and normal, but not mdx, mouse. Also labels smooth muscle from chicken gizzard.
FORMAT:	Purified immunoglobulin.
PRESENTATION:	Liquid in 0.02 M phosphate buffer (pH 7.6), 250 mM NaCl with 0.1% sodium azide.
STORAGE/HANDLING:	Maintain at -20°C for up to 12 months in convenient aliquots. Avoid repeated freeze/thaw cycles.
REFERENCES:	<ol style="list-style-type: none">1. Sealock et al. <i>J. Cell Biology</i> (1991) 113:1133-1144.2. Froehner, S. C., <i>J. Cell Biology</i> (1984) 99:88-96.3. Froehner, S. C., et al., <i>J. Bio. Chem.</i> (1983) 258:7112-7120.4. <i>J. Neuroscience</i> (1993) 13:547-558.5. Picazo, M.L. et al., <i>Electro- and Magentobiology</i> (1996) 15(3):197-203.6. <i>J. Neuroscience</i> (1998) 18:128-137.

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 µL 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.



**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

©2002 - 2012: EMD Millipore Corporation. All rights reserved. No part of these works may be reproduced in any form without permission in writing.