



MANEX4748A(8C1)

INVESTIGATOR

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IMMUNOGEN

Substance

**Name** recombinant human dystrophin fragment encoded by exons 45-50 amino-acids 2145-2439 as  $\beta$ -galactosidase fusion protein  
**Origin** human protein expressed in bacteria  
**Chemical Composition**  
**Developmental Stage (if applicable)** adult

IMMUNIZATION PROTOCOL

Donor Animal

**Species** mouse  
**Strain** Balb/c  
**Organ and tissue** spleen

FUSION

**Date** 1990  
**Myeloma cell line**  
**Species** mouse  
**Clone name** Sp2/0  
**Growth Medium** DMEM / 20% horse serum

MONOCLONAL ANTIBODY

**Isotype** IgG2b  
**Species Specificity** human, mouse (not xenopus)

ANTIGEN

**Molecular weight** 152 kDa  
**Characterization**  
**Immunoprecipitation**  
**ELISA** yes  
**Immunostaining**  
    **Fixation** acetone/methanol  
    **Paraffin** n.d.  
    **Special protocols**  
**Immunoblotting** yes  
**Flow cytometry** n.d.  
**Epitope mapped?** exon 47/48  
**Function inhibition** n.d.

PUBLICATIONS :

Thanh, L.T., Man, N.T., Love, D.R., Helliwell, T.R., Davies, K.E., and Morris, G.E. (1993). Monoclonal antibodies against the muscle specific N-terminus of dystrophin: characterization of dystrophin in a muscular dystrophy patient with a frameshift deletion of exons 3-7. *Am. J. Hum. Genet.* 53, 131-139.



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### ACKNOWLEDGMENTS STATEMENT

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