DEVELOPMENTAL STUDIES HYBRIDOMA BANK
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MANEX4850B clone 6A7

INVESTIGATOR

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IMMUNOGEN

Substance
- **Name**: recombinant human dystrophin fragment encoded by exons 45-50 amino-acids 2145-2439 as β-galactosidase fusion protein
- **Origin**: human protein expressed in bacteria
- **Chemical Composition**

Developmental Stage: adult

IMMUNIZATION PROTOCOL

Donor Animal
- **Species**: mouse
- **Strain**: Balb/c
- **Organ and tissue**: spleen

FUSION

Date: 1989

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

MONOCLONAL ANTIBODY

Isotype: IgG1

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?**: Exons: 48-50

Function inhibition: n.d.

PUBLICATIONS :

Thanh, L.T., Man, N.T., Hori, S., Sewry, C.A., Dubowitz, V., and Morris, G.E. (1995). Characterization of genetic deletions in Becker Muscular Dystrophy using monoclonal antibodies against a deletion-prone region of dystrophin. Am. J. Med. Genet. 58, 177-186.

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ACKNOWLEDGMENTS STATEMENT

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