



DEVELOPMENTAL STUDIES HYBRIDOMA BANK

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GEM4B (1G4)

INVESTIGATOR

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IMMUNOGEN

Substance

Name gemin4 protein

Origin recombinant proteins containing N-terminal (650 aa) fragment of gemin4

Chemical Composition

Developmental Stage adult

IMMUNIZATION PROTOCOL

Donor Animal

Species mouse

Strain Balb/c

Sex female

Organ and tissue

Immunization

Dates immunized 2004

Amount of antigen 0.2 mg

Route of immunization s.c.

Adjuvant Freund's

FUSION

Date 2004

Myeloma cell line

Species mouse

Designation Sp2/0

MONOCLONAL ANTIBODY

Isotype IgG1

Specificity

Cell binding

Immunohistology

Antibody competition

Species Specificity human, pig (not fish or mouse)

ANTIGEN

Chemical properties protein

Molecular weight 75 kDa

Characterization

Immunoprecipitation

Immunoblotting stains 100 kDa band in HeLa total proteins extract

Purification

Amino acid sequence analysis not mapped

Functional effects

Immunohistochemistry stains dot-like structures (gems) in the nucleus

PUBLICATIONS :

Hao, L.T., Fuller, H.R., Lam, L.T., Le, T.T., Burghes, A.H.M., and Morris, G.E. (2007). Absence of gemin5 from SMN complexes in nuclear Cajal bodies. BMC Cell Biol. 8:28, doi:10.1186/1471-2121-8-28.



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ACKNOWLEDGMENTS STATEMENT

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