



DEVELOPMENTAL STUDIES HYBRIDOMA BANK

dshb.biology.uiowa.edu | 319-335-3826 | dshb@uiowa.edu

GEM6A (2C11)

INVESTIGATOR

Name Glenn E. Morris

Address Centre for Inherited Neuromuscular Disease, RJA Orthopaedic Hospital, Oswestry, SY10 7AG, UK

IMMUNOGEN

Substance

Name gemin6 proteins

Origin recombinant gemin6 full length proteins

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 IgG2a

Specificity

Cell binding

Immunohistology

Antibody competition

Species Specificity human (not pig, fish or mouse)

ANTIGEN

Chemical properties protein

Molecular weight 34 kDa

Characterization

Immunoprecipitation

Immunoblotting stains a16 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.



DEVELOPMENTAL STUDIES HYBRIDOMA BANK

dshb.biology.uiowa.edu | 319-335-3826 | dshb@uiowa.edu

ACKNOWLEDGMENTS STATEMENT

We have been asked by NICHD to ensure that all investigators include an acknowledgment in publications that benefit from the use of the DSHB's products. We suggest that the following statement be used:

“The (select: hybridoma, monoclonal antibody, or protein capture reagent,) developed by [Investigator(s) or Institution] was obtained from the Developmental Studies Hybridoma Bank, created by the NICHD of the NIH and maintained at The University of Iowa, Department of Biology, Iowa City, IA 52242.”

Please send copies of all publications resulting from the use of Bank products to:

Developmental Studies Hybridoma Bank
Department of Biology
The University of Iowa
028 Biology Building East
Iowa City, IA 52242