



DEVELOPMENTAL STUDIES HYBRIDOMA BANK

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

mAb 1E5.25.4

INVESTIGATOR

Name John Cooper
Address Department of Cell Biology & Physiology, Washington University Medical School,
660 S. Euclid, St. Louis, MO 63110

IMMUNOGEN

Substance

Name capping protein - β -1
Origin chicken skeletal muscle
Chemical Composition pure protein
Developmental Stage all

IMMUNIZATION PROTOCOL

Donor Animal

Species mouse
Strain P3x63 Ag8.653
Sex female
Organ and tissue

Immunization

Dates immunized 11/87
Amount of antigen
Route of immunization subcutaneous
Adjuvant Freund's complete

FUSION

Date 2/88
Myeloma cell line
Species mouse
Designation P3x63 Ag8.653

MONOCLONAL ANTIBODY

Isotype IgG1
Specificity
Cell binding no
Immunohistology yes
Antibody competition
Species Specificity chicken

ANTIGEN

Chemical properties chicken capping protein β 1-subunit
Molecular weight
Characterization
Immunoprecipitation yes
Immunoblotting yes
Purification
Amino acid sequence analysis
Functional effects
Immunohistochemistry antigen located at Z-disks of skeletal muscle

PUBLICATIONS :

Hung, C., Miller, T.M., Torres, M.A., Casella, J.F., and Cooper, J.A. (1992). Identification and characterization of an actin-binding site of CapZ. J. Cell Biol. 116(4), 923-931.



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ACKNOWLEDGMENTS STATEMENT

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