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IMMUNOGEN
Substance
Name: MBP-σ1s
Origin: Mammalian orthoreovirus strain Type 3 Dearing (T3D), isolated from a human child in the mid-1950s
Chemical Composition: purified protein
Developmental Stage: n/a

IMMUNIZATION PROTOCOL
Donor Animal
Species: mouse
Strain: Balb/c
Organ and tissue: spleen

FUSION
Date: exact date unknown, but published in 1998
Myeloma cell line
Species: mouse
Clone name: Sp2/0-Ag14
Growth Medium: Hypoxanthine-aminopterin-thymidine (HAT) medium

MONOCLANAL ANTIBODY
Isotype: IgG2a, kappa light chain
Species Specificity: T3D

ANTIGEN
Molecular weight: ~41 kD
Characterization
Immunoprecipitation: yes
ELISA: yes
Immunostaining: yes
Fixation: 1:1 (vol/vol) mixture of methanol and acetone
Paraffin:
Special protocols: incubate at 50 μg/ml for 45 minutes.
Immunoblotting: yes, detects σ1s
Flow cytometry: N.D.
Epitope mapped?: no
Function inhibition: N.D.

PUBLICATIONS:
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:

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