INVESTIGATOR
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IMMUNOGEN
Substance lactadherin (MFG-E8)
Name lactadherin
Origin bovine milk
Chemical Composition 46 kDa protein
Developmental Stage

IMMUNIZATION PROTOCOL
Donor Animal
Species mouse
Strain Balb/c
Sex female
Organ and tissue
Immunization
Dates immunized 2/01/06, 2/08/06, 2/15/06 intraperitoneal and 3/10/06 iv
Amount of antigen 50 µg each
Route of immunization first three intraperitoneal and the last one iv
Adjuvant none

FUSION
Date 3/12/06
Myeloma cell line
Species mouse
Designation NS-1

MONOCLONAL ANTIBODY
Isotype IgM, kappa light chain
Specificity
Cell binding activated platelets
Immunohistology not done
Antibody competition
Species Specificity human and bovine

ANTIGEN
Chemical properties lactadherin
Molecular weight 46 kDa
Characterization
Immunoprecipitation yes
Immunoblotting
Purification ammonium sulfate and DEAE-sephacel chromatography
Amino acid sequence analysis
Functional effects inhibits lactadherin-dependent RBC adhesion to endothelium
Immunohistochemistry

PUBLICATIONS:
ACKNOWLEDGMENTS STATEMENT

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