LEP100 IgG (formerly called cv24)

INVESTIGATOR
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IMMUNOGEN
Substance
   Name    chicken liver coated vesicles
   Origin
   Chemical Composition
   Developmental Stage  adult

IMMUNIZATION PROTOCOL
Donor Animal
   Species  mouse
   Strain BALB/cJ
   Sex
   Organ and tissue  spleen
Immunization
   Dates immunized
   Amount of antigen
   Route of immunization  intraperitoneal; tail vein boost
   Adjuvant  Freund's complete/incomplete; antigen in saline for tail vein injection

FUSION
Date
Myeloma cell line
   Species  mouse
   Designation  SP2/0 Ag8

MONOCLONAL ANTIBODY
Isotype  IgG1
Specificity
   Cell binding  lysosomal membrane lumenal surface; endosomes; plasma membrane weakly labeled
   Immunohistology
   Antibody competition
   Species Specificity  avian; negative on rat, human, mouse

ANTIGEN
   Chemical properties  LEP100 lysosomal membrane glycoprotein core polypeptide 394 aa; 17 N-linked oligosaccharides
   Molecular weight
   Characterization
      Immunoprecipitation  good
      Immunoblotting  no
      Purification
      Amino acid sequence analysis
   Functional effects  none known
   Immunohistochemistry  good on cryosections; good for lightly-fixed cells in tissue culture; binding sensitive to glutaraldehyde

PUBLICATIONS:

(Continued)


ACKNOWLEDGMENTS STATEMENT

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