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Mouse Anti-theta Serum
(AKR ASCITES ANTI-C₃H)

DESCRIPTION

Anti-theta serum (anti-θ serum) is produced in AKR mice immunized with thymocytes from young C₃H mice. Since these mouse strains are syngeneic at the H-2 locus, this procedure raises antibodies against the allogeneic C₃H theta antigen specifically associated with thymus derived lymphocytes (T-cells).

CHARACTERIZATION

Each lot of anti-theta serum is precisely characterized the following ways:

- Specific cytolytic activity against
  - C₃H Thymocytes
  - C₃H Spleenocytes
  - AKR Thymocytes
  - C₃H Bone Marrow Cells

- Specific absorption reactions with
  - C₃H Brain Cells
  - AKR Brain Cells
  - C₃H Kidney Cells

- Effect on mitogenic response to
  - Phytohemagglutinin
  - Lipopolysaccharide

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