**Reagent:**
Monoclonal Antibody to CMV (AD169) gB

**Catalog Number:**
1592

**Lot Number:**
8/12/92 (F3-11E)

**Release Category:**
C

**Provided:**
500 µl clarified pooled ascites.

**Special Characteristics:**
Complement-dependent CMV neutralizing antibody directed against the glycoprotein B complex of human cytomegalovirus (AD169). The antibody precipitates 130, 92, and 55 kD species from 35S-methionine labeled CMV-infected cells. Antibody was produced by immunizing mice with extracellular virus pelleted from supernatants of CMV AD169-infected human embryonic lung cells. The antibody is directed against a gB glycoprotein conformational epitope and is not reactive in Western blot type assays. Neutralizing ability is expressed only in the presence of complement. Host: Balb/c mice (female). Titer: Contains 500 µg/ml IgG2a. Neutralizing titer (plaque reduction assay) of the purified immunoglobulin is approximately 30-100 µg/ml in the presence of 1% guinea pig complement. Isotype: IgG2a κ chain.

**Recommended Storage:**
-70°C.

**Contributor:**
Dr. Lucy Rasmussen.

**References:**

**NOTE:**
Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Monoclonal Antibody to CMV (AD169) gB from Dr. Lucy Rasmussen." Also include the reference cited above in any publications.
ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.