Monoclonal Antibody to Cytomegalovirus / CMV Early Antigen - Purified

Alternate names: HCMV, HHV5
Catalog No.: AM05468PU-N
Quantity: 0.2 mg
Concentration: 1.0 mg/ml

Background: CMV is a member of the herpesvirus family. CMV is a DNA virus that is widespread in the general population and characterized by its ability to give rise to persistent latent infections. The virus is the largest of the herpesviruses and has the largest genome of any known virus. CMV is transmitted by the parenteral route and persists latently in circulating leukocytes and endothelial cells lining the walls of blood vessels. CMV lyses cells by disrupting the cytoskeleton and causing massive cell enlargement.

Host / Isotype: Mouse / IgG1
Clone: 1/42
Immunogen: Partially purified extracts of strain AD169 infected HEL fibroblasts.
Format: State: Liquid purified IgG fraction
Buffer System: Phosphate buffered saline, pH 7.2
Preservatives: 0.09% Sodium Azide

Applications: ELISA.
Immunofluorescence.
Immunohistochemistry on Frozen Sections.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody is specific for Human Cytomegalovirus and can be used to detect an early antigen 6-12 hours post infection.
It does not react with laboratory strains of Adenovirus type 7 or other Human Herpes viruses.

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.