Monoclonal Antibody to Cytomegalovirus / CMV - Purified

Alternate names: HCMV, HHV5
Catalog No.: AM05598PU-N
Quantity: 0.1 mg
Concentration: 0.1mg/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 / IgG2a
Clone: 0891

Format: State: Liquid purified IgG
Purification: Affinity chromatography on Protein A
Buffer System: 0.01M Phosphate buffered saline pH7.2. containing 0.09% Sodium Azide (NaN₃) 1% Bovine Serum Albumin

Applications: Western Blot: 1:10 - 1:50.
Immunofluorescence: 1:10 - 1:50.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody recognises the 65kD late major matrix protein of the cytomegalovirus (CMV).

Storage: Store the antibody 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.

Caution: (A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

General Readings: