

AM33310PU-N**Monoclonal Antibody to CMV pp65 - Purified**

Alternate names:	CMV-p65, Cytomegalovirus
Quantity:	0.2 mg
Concentration:	0.2 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	CMV100
Immunogen:	Recombinant CMV-p65 protein.
Format:	State: Liquid purified IgG fraction from Bioreactor Concentrate Purification: Protein A/G Chromatography Buffer System: 10mM PBS Preservatives: 0.05% Sodium Azide Stabilizers: 0.05% BSA
Applications:	ELISA: Use BSA free Antibody for Coating. Immunofluorescence: 0.5-1 µg/ml. Immunocytochemistry on Acetone or Paraformaldehyde Fixed Sections: 0.5-1.0 µg/ml for 30 minutes at RT. <u>Positive Control:</u> CMV-infected cells or tissues. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	65kDa
Specificity:	Ten to forty percent of the patients with acquired immunodeficiency syndrome (AIDS) develop cytomegalovirus (CMV) infections. In some patients with AIDS, CMV is detected in the bronchoalveolar lavage fluid (BALF), urine, and other specimens, even when there are no symptoms of CMV disease. An indicator of active CMV infection is needed to facilitate the diagnosis of CMV disease in patients with AIDS or HIV infection. CMV p65 antigen was detected in the leukocytes of both the peripheral blood and BALF during the early phase of CMV disease. <u>Cellular Localization:</u> Nuclear.
Storage:	Store undiluted at 2-8°C. Shelf life: one year from despatch.
General Readings:	1. Hanabusa H, Matsuda F, Tanaka Y, Uesugi T, Ota T, Sato T, et al. [Detection of cytomegalovirus (CMV) antigen for rapid diagnosis and monitoring of CMV diseases in AIDS]. Kansenshogaku Zasshi. 1994 Sep;68(9):1105-12. PubMed PMID: 7963801.