

## Monoclonal Antibody to Cytomegalovirus / CMV Early Antigen - FITC

<b>Alternate names:</b>	HCMV, HHV5
<b>Catalog No.:</b>	AM03210FC-N
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1mg/ml
<b>Background:</b>	Cytomegalovirus is an enveloped double stranded DNA virus which in humans (HCMV) is also commonly known as human herpesvirus 5 (HHV-5). Early HCMV proteins are expressed in the nucleus of infected cells within 3 to 24 hours of infection, prior to viral DNA replication.
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	HCMV3
<b>Immunogen:</b>	Human CMV extracts.
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction. <b>Purification:</b> Affinity Chromatography on Protein G. <b>Buffer System:</b> PBS buffer, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	Immunofluorescence. Suitable for methacam fixed, paraffin wax embedded sections as well as acetone fixed CMV infected cells or frozen sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	The antibody detects cytomegalovirus early nuclear antigen. It is also reactive with MRC-5 cells infected with CMV, but not uninfected cells.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.