

Monoclonal Antibody to Cytomegalovirus (CMV) gB - FITC

Alternate names:	Glycoprotein B, HCMV, HHV5, UL55
Catalog No.:	BM1057F
Quantity:	0.1 mg
Concentration:	0,1 mg/ml
Background:	<p>Cytomegalovirus is an enveloped double stranded DNA virus which in humans (HCMV) is commonly known as human herpesvirus 5 (HHV-5). Glycoprotein B (gB) is the main antigenic protein within the envelope of HCMV. It is required for HCMV mediated membrane fusion along with the gH / gL complex. The unprocessed precursor of HCMV gB is 906 amino acids in length, with a MW of approximately 100kDa.</p>
Uniprot ID:	P06473
NCBI:	NP_039989
GeneID:	1487750
Host / Isotype:	Mouse / IgG2a
Clone:	HCMV37
Immunogen:	Human CMV extracts
Format:	<p>State: Liquid purified IgG fraction Purification: Affinity chromatography on Protein G Buffer System: PBS, pH 7.2 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer Label: FITC – Fluorescein Isothiocyanate Isomer 1</p>
Applications:	<p>Immunofluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>This antibody is specific for Cytomegalovirus glycoprotein B late neutralizing antigen. It reacts with MRC-5 infected cells but not uninfected cells. This antibody has been found to be neutralizing.</p>
Storage:	<p>Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.</p>

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com