Cytomegalovirus gB Late Antigen Monoclonal Antibody (1M12)

Catalog Number MA1-7598

Details

Size 100 ug
Host / Isotype Mouse / IgG1
Class Monoclonal
Type Antibody
Clone 1M12
Immunogen HCMV infected cells.
Conjugate Unconjugated
Form Liquid
Concentration 1mg/ml
Purification Protein A
Storage Buffer PBS, pH 7.2
Contains 0.01% sodium azide
Storage Conditions 4°C or -80°C if preferred

Species Reactivity

Tested species reactivity Virus
Tested Applications
- ELISA (ELISA) 1:1000
- Immunofluorescence (IF) Assay Dependent
- Western Blot (WB) 1:1000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product Specific Information

MA1-7598 detects HCMV from virus samples.

MA1-7598 has been successfully used in ELISA, Western blot, and Immunofluorescence procedures.

The MA1-7598 immunogen is HCMV infected cells.

Store at 4°C short term. For long term storage, aliquot and freeze at -80°C.

Background/Target Information

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.