

CMV UL94 (UL.C1): sc-57766

BACKGROUND

Cytomegalovirus (CMV) is a member of the herpes virus group which includes herpes simplex virus types 1 and 2; Varicella Zoster Virus, which causes chicken pox; and Epstein Barr virus, which causes infectious mononucleosis. These viruses remain dormant within the body over a long period. In humans, CMV is known as HCMV or human herpesvirus 5 (HHV-5). HHV-5 causes only a brief mononucleosis-like malaise in immunocompetent adults, but may cause severe illness or death in immunosuppressed individuals. CMV UL94 encodes for a highly conserved late protein. The promoter of CMV UL94 contains a negative regulatory element (NRE) upstream of the RNA start site, a TATA box and a positive regulatory element (PRE) downstream of the RNA start site. Regulation of the CMV UL94 promoter requires the cellular protein p53.

REFERENCES

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SOURCE

CMV UL94 (UL.C1) is a mouse monoclonal antibody raised against amino acids 26-40 of UL94 of CMV origin.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PRODUCT

Each vial contains 100 µg IgG₁ in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

CMV UL94 (UL.C1) is recommended for detection of UL94 protein of CMV origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000).

Molecular Weight of CMV UL94: 36 kDa.

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.