

## Cytomegalovirus (CMV) (Clone DT10+BC90)

### Specification:

This antibody is a mixture of two monoclonal antibodies that reacts with immediate early and early protein antigens in tissues infected with cytomegalovirus. This antibody does not react with herpes virus or human papilloma virus. In the later stage of infection, a cytoplasmic reaction may be observed.

### Availability:

Catalog No.	Contents	Volume
ILM 4044 C1	Cytomegalovirus	1,0 ml

**Intended use:** For research use only

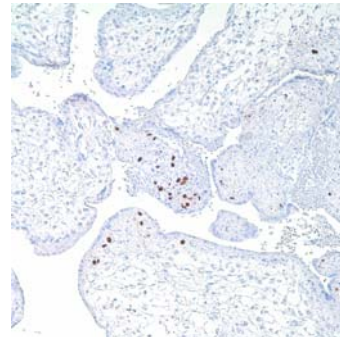
**Clone:** DT10+BC90

**Species of origin:** Mouse

**Isotype:** IgG2a+IgG1

**Controle Tissue:** CMV infected tissue

**Staining:** Cytoplasmic



### Presentation:

1 ml Antibody purified from ascites fluid by protein G at 200ug/ml in 10mM pBS, pH 7.4 with BSA and Sodium Azide.

### Application and suggested dilutions:

For IHC staining on formalin-fixed, paraffin embedded tissue sections it is required to pepsin

- Immunohistochemical staining of formaline-fixed, paraffin embedded tissue section (dilution up to 1:50-1:100)

The optimal dilution for a specific application should be determined by the investigator.

**Note:** Dilute the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody based detection is recommended

**Storage & Stability:** Store at 2-8 °C. Do not use after expiration date printed on the vial.

### References:

- 1) Vago L, Nebuloni M, Sala E, Cinque P, Bonetto S, Isella A, Ottoni L, Crociati A, Costanzi G. Coinfection of the central nervous system by cytomegalovirus and herpes simplex virus type 1 or 2 in AIDS patients: autopsy study on 82 cases by immunohistochemistry and polymerase chain reaction. *Acta Neuropathol (Berl)* 1996 Oct;92(4):404-8.
- 2) Center for Disease Control Manual. Guide: Safety Management, NO. CDC-22, Atlanta, GA. April 30, 1976 "Decontamination of Laboratory Sink Drains to Remove Azide Salts."
- 3) National Committee for Clinical Laboratory Standards(NCCLS). Protection of laboratory workers from infectious diseases transmitted by blood and tissue; proposed guideline. Villanova, PA 1991;7(9). Order code M29-P.