08-0131 6 ml
Mouse Anti-
Cytomegalovirus
Lot No. See product label

For Research Use Only, Not for diagnostic use.

MONOCLONAL MOUSE ANTI-CYTOMEGALOVIRUS (CMV)

FORM:
Liquid. Ready-to-use (DO NOT DILUTE). This antibody, diluted in PBS containing BSA and 0.1% sodium azide (NaN₃), consists of two monoclonal antibodies from culture supernatants.

SPECIFICITY:
This antibody recognizes 43 kD and 76 kD proteins of the glycine extracted CMV antigen. These proteins belong to CMV immediate early and early antigen. This antibody does not react to the structural virus antigen and other herpesviruses or adenoviruses.

CLONE: DDG9, CCH2
ISOTYPE: IgG2a (DDG9), IgG1 (CCH2)

APPLICATION:
This antibody is used to stain CMV in infected cells giving a nuclear staining pattern. But at a later stage of infection there is both a nuclear and a cytoplasmic reaction with the early antigen.

RECOMMENDED GUIDELINES FOR USE:
This antibody is suitable for immunohistochemical staining of formalin-fixed paraffin-embedded or frozen tissue sections. Pepsin (Invitrogen Digest-All Cat. No. 00-3006) digestion is required for specific staining of formalin-fixed paraffin-embedded tissue sections. To stain, incubate 30-60 minutes at room temperature or overnight at 4°C. Note: For automated stainers, use Invitrogen's Automated Diluting Buffer (Invitrogen Cat. No. 00-4218).

Invitrogen’s prediluted antibodies were standardized using Invitrogen's Histostain-SP (AEC) or Histostain-SAP (AP-Red) Kit. If DAB is used as a chromogen for immunoperoxidase staining, a further dilution of the primary antibody may be required. Other detection systems can also be used, but in some cases the incubation time may vary.

STORAGE:
Store at 2-8°C

REFERENCES:

Invitrogen Corporation • 542 Flynn Rd • Camarillo • CA 93012 • Tel: 800.955.6288
E-mail: techsupport@invitrogen.com
www.invitrogen.com

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