

# Cytomegalovirus (CMV) (8B1.2/1G5.2/2D4.2)

## Mouse Monoclonal Antibodies

**Specificity:** Humans

**Immunogen:** Purified human CMV antigen

**Ig Class:** IgG2k + IgG1k

**Storage:** Store at 2-8°C for up to 2 years for concentrate form and 1 year for predilute form.

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:100-200. *Positive Control:* CMV infected tissue. *Localization:* Nuclear. *Intended Use:* Research Use Only (RUO).

**Description:** Cytomegalovirus (CMV) is an opportunistic pathogen infecting lung, kidney, gut and other organs in situations where an individual is immunologically immature, such as the fetus and neonate. Infection also occurs in immunosuppressed patients, such as transplant patients, patients undergoing chemotherapy and those with HIV infection.

**Intended Use:** This antibody is intended for research use only (RUO). CMV (8B1.2/1G5.2/2D4.2) mouse monoclonal primary antibody is intended for laboratory use in the detection of CMV in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient's relevant clinical history.

**Supplied As:** Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% sodium azide.

### References:

1. Mills AM, et al. *Am J Surg Pathol.* 2013; 37:995-1000.
2. Kandiel A, et al. *Am J Gastroenterol.* 2006; 101:2857-65.

**REF** Z2102ML-R/ Z2102MS-R/ Z2102MT-R/ Z2102MP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)