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Cytomegalovirus PP65 antibody

Catalog Number: PR-1037**Background:** Cytomegalovirus 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 share a characteristic ability to remain dormant within the body over a long period. CMV viral genes are co-ordinately expressed in groups at various times after infection. Early viral proteins are expressed in the nucleus of infected cells within 3 to 24 hours of infection prior to the commencement of viral DNA replication. This is followed by expression of the early intermediate genes, which encode enzymes required for viral DNA replication. After 48 to 72 hours, a number of late viral antigens may be demonstrated in the nuclei and cytoplasm of infected cells. pp65 is a 65kD phosphorylated glycoprotein and is the most abundant of the late antigens.**Description:** Rabbit polyclonal to Cytomegalovirus PP65**Immunogen:** KLH conjugated synthetic peptide derived from Cytomegalovirus PP65**Specificity:** Recognizes HCMVPP65 in Western blot and Immunohistochemical staining.**Isotype:** Rabbit IgG**Quantity:** 0.1ml (1mg/ml. Reconstitute with 0.1ml sterile distilled water)**Formulation:** 1% BSA, 0.01M phosphate-buffered saline, pH 7.4, 0.05% NaN₃.**Purity:** Affinity chromatography purification by Protein A Column.**Application:**

- Western blotting: 1/100-500. Predicted Mol wt: 65 kDa;
- Immunohistochemistry in formalin fixed frozen section: 1:100-200;
- Immunohistochemistry in paraffin section: 1:50-200;
- Immunocytochemistry/Immunofluorescence: 1/100;
- Immunoprecipitation: 1/50;
- ELISA: 1/500;
- Optimal working dilutions must be determined by the end user.

Antigen Retrieval of Tissue: The paraffin section in 10mM citrate buffer, pH 6.0, for 10~15mins is required the staining of paraffin sections.**Storage:** Store at -20 °C for one year. Lyophilized antibody is stable at room temperature for at least two month and for greater than a year when kept at -20°C to -70°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody, the antibody is stable for at least six weeks at 2-8 °C. Avoid repeated freeze/thaw cycles.**Important Note:** Gently centrifuge microtube to remove liquid or powder product from lid. This product as supplied is intended for in vitro laboratory use only, not for use in human, therapeutic or diagnostic applications.