

## Recombinant Cytomegalovirus pp65 (CMV-pp65) Antibody

Mouse Monoclonal Antibody [Clone rCMV/12688]

Catalog No	Format	Size
MSM8-12688-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM8-12688-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM8-12688-P1ABX	Purified Ab WITHOUT BSA at 1.0mg/ml	100 ug

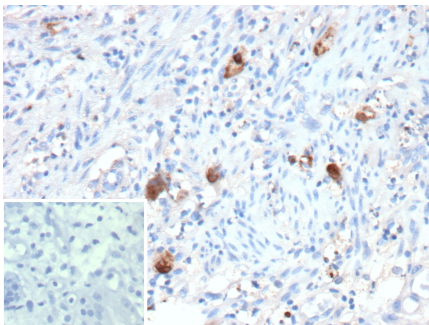
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

### Product Details

<b>Clone</b>	rCMV/12688
<b>Gene Name</b>	UL83
<b>Immunogen</b>	Prokaryotic recombinant protein corresponding to a region at the C-terminal end of the cytomegalovirus pp65 molecule
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG1 / Kappa
<b>Mol. Weight of Antigen</b>	65kDa
<b>Cellular Localization</b>	Host cytoplasm, Host nucleus, Virion tegument
<b>Species Reactivity</b>	CMV
<b>Positive Control</b>	CMV-infected cells. CMV-infected tissues.

\*Optimal dilution for a specific application should be determined.

### Product Images for Recombinant Cytomegalovirus pp65 (CMV-pp65) Antibody



Formalin-fixed, paraffin-embedded human CMV-infected tissue stained with (rCMV/12688). Inset: PBS instead of primary antibody; secondary only negative control.

### **Specificity & Comments**

Cytomegalovirus (CMV) is a member of the Herpes virus family. Members of this family have a characteristic virion structure. The double stranded DNA genome is contained within an icosahedral capsid which is embedded in a proteinaceous layer (tegument) and surrounded by a lipid envelope that is decorated with virus-specific glycoprotein spikes. The viral genes are coordinately 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 65 kDa phosphorylated glycoprotein and is the most abundant of the late antigens.

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### **Limitations and Warranty**

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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### **Supplied As**

200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

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### **Storage and Stability**

Antibody with azide - store at 2 to 8°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

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