

Recombinant Cytomegalovirus p65 (CMV-p65) Antibody

Mouse Monoclonal Antibody [Clone r2]

Catalog No	Format	Size
MSM7-13247-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM7-13247-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM7-13247-P1ABX	Purified Ab WITHOUT BSA at 1.0mg/ml	100 ug

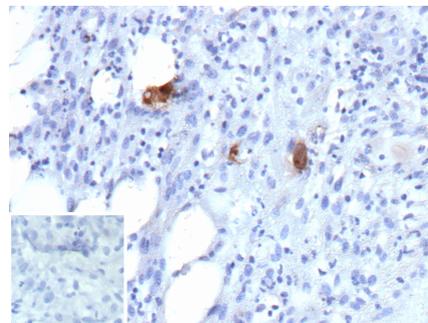
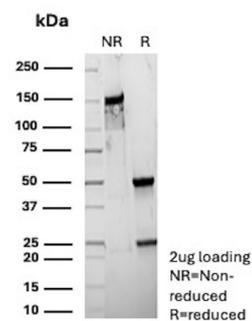
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	r2
Gene Name	UL83
Immunogen	Prokaryotic recombinant protein corresponding to a region at the C-terminal end of the cytomegalovirus pp65 molecule
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	65kDa
Cellular Localization	Host cytoplasm, Host nucleus, Virion tegument
Species Reactivity	CMV
Positive Control	CMV-infected cells. CMV-infected tissues.

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Cytomegalovirus p65 (CMV-p65) Antibody



SDS-PAGE Analysis of Purified CMV-p65 Recombinant Mouse Monoclonal Antibody (r2). Confirmation of Purity and Integrity of Antibody.

Formalin-fixed, paraffin-embedded human CMV-infected tissue stained with Cytomegalovirus (CMV) pp65 Recombinant Mouse Monoclonal Antibody (r2). 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.

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.

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.

Storage and Stability

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