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Cytomegalovirus

Mouse Monoclonal antibody(Mab)
Catalog # AD80369

Product Information

Application	IHC-P
Primary Accession	P06725
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	325K2C7
Calculated MW	62898

Additional Information

Other Names	65 kDa phosphoprotein, pp65, 65 kDa matrix phosphoprotein, Phosphoprotein UL83, Tegument protein UL83, UL83
Dilution	IHC-P~~N/A
Storage	Maintain refrigerated at 2-8°C.
Precautions	Cytomegalovirus Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	UL83
Function	Counteracts the host antiviral immune response when activated and phosphorylated, by preventing host IRF3 from entering the nucleus (PubMed:15452220). Also inhibits the type I interferon production by inactivating the enzymatic activity of DNA sensor CGAS without affecting STING1 (PubMed:29263269, PubMed:40243337). Participates in the transactivation of viral major immediate-early genes by the recruitment of host IFI16 to the promoters pf these genes (PubMed:20504932).
Cellular Location	Virion tegument. Host nucleus. Host cytoplasm. Note=As part of the incoming virion, pp65 is targeted to the nucleus immediately after infection (PubMed:7815485). The newly synthesized pp65 is observed in the nucleus until some time after 48 hours postinfection (PubMed:17715235) Thereafter, pp65 is probably exported and accumulates in the cytoplasm (PubMed:17715235). Also found in dense bodies (PubMed:7815485)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.