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Epstein Barr Virus,EBV

Mouse Monoclonal antibody(Mab)
Catalog # AD80457

Product Information

Application	IHC-P
Primary Accession	P0C741
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	785K1D2
Calculated MW	39763

Additional Information

Other Names	Latent membrane protein 1, LMP-1, Protein p63, LMP1
Dilution	IHC-P~~N/A
Storage	Maintain refrigerated at 2-8°C.

Protein Information

Name	LMP1
Function	Acts as a CD40 functional homolog to prevent apoptosis of infected B-lymphocytes and drive their proliferation. Functions as a constitutively active tumor necrosis factor receptor that induces the activation of several signaling pathways, including those of the NF- kappa-B family. LMP1 signaling leads to up-regulation of antiapoptotic proteins and provide growth signals in latently infected cells. Interacts with host UBE2I and subsequently affects the sumoylation state of several cellular proteins. For example, induces the sumoylation of host IRF7 thereby limiting its transcriptional activity and modulating the activation of innate immune responses. Also inhibits host IFN-alpha-stimulated STAT2 nuclear translocation and interferon- stimulated response element transcriptional activity by interacting with and inhibiting host TYK2. Induces SUMO expression during viral latency thereby dysregulating the host sumoylation processes.
Cellular Location	Host cell membrane; Multi-pass membrane protein

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