

Mouse Anti-HHV-8 [13B10]: MC0429, MC0429RTU7

Intended Use: For Research Use Only

Description: Human herpesvirus type 8 (HHV-8) is the likely etiological agent of Kaposi's sarcoma (KS). HHV-8 DNA sequences have been found in Kaposi's sarcoma lesions, primary effusion lymphoma, and multicentric Castleman's disease via polymerase chain reaction and in situ hybridization. Latent nuclear antigen (LNA-1, LNA, LANA-1), also known as ORF73, is a 222- or 234 kD protein that is consistently expressed in HHV-8 infected cells. Anti-HHV-8 labels the latent nuclear antigen protein via immunohistochemistry.

Specifications

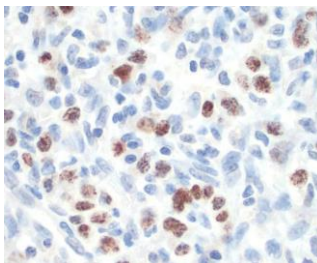
Clone: 13B10
 Source: Mouse
 Isotype: IgG1
 Reactivity: Human
 Localization: Nucleus
 Formulation: Purified and diluted in 0.2% BSA and 15mM sodium azide.
 Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
 Applications: IHC for FFPE, Frozen; WB
 Package:

Description	Catalog No.	Size
HHV-8 Concentrated	MC0429	1 ml
HHV-8 Prediluted	MC0429RTU7	7 ml

IHC Procedure*

Positive Control Tissue: Kaposi's sarcoma.
 Concentrated Dilution: 25-100
 Pretreatment: Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
 Incubation Time and Temp: 30-60 minutes @ RT
 Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



Human effusion lymphoma FFPE tissue stained with anti-HHV-8 using DAB

References:

1. Colocalisation of the viral interleukin-6 with latent nuclear antigen-1 of human herpesvirus-8 in endothelial spindle cells of Kaposi's sarcoma and lymphoid cells of multicentric Castleman's disease. Brousset P, et al. Human Pathology. 32 (1): 95-100, 2001.
2. Human herpesvirus 8 DNA in HIV-negative Japanese patients with multicentric Castleman's disease. Tohda S, et al. International Journal of Molecular Medicine. 8 (5): 549-551, 2001.
3. Expression and localization of human herpesvirus 8 encoded proteins in primary effusion lymphoma, Kaposi's sarcoma, and multicentric Castleman's disease. Katano H, et al. Virology. 269 (2): 335-344, 2000.
4. Learning old tricks from new viruses. Münger K. Nature Medicine. 6 (10): 1091-1092, 2000.

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Rev. B