

Product datasheet

Anti-HHV8 antibody [LN53] ab4103

[14 References](#) [1 Image](#)

Overview

Product name	Anti-HHV8 antibody [LN53]
Description	Rat monoclonal [LN53] to HHV8
Host species	Rat
Specificity	HHV 8 is the likely etiological agent of Kaposi's sarcoma (KS). HHV 8 encodes a latent nuclear antigen (LNA), which is the product of the viral gene orf 73. LNA is capable of forming a complex with retinoblastoma susceptibility gene product, which may be related to its oncogenic activity.
Tested applications	Suitable for: IHC-P, IHC-Fr
Species reactivity	Reacts with: Human herpesvirus 8
Immunogen	Recombinant full length protein corresponding to HHV8. Corresponding to the latent nuclear antigen 1 molecule of HHV 8.
Epitope	Located within the ORF-73 region.
Positive control	Kaposi's sarcoma.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.3</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: Tissue culture supernatant, 1% BSA</p>
Purity	IgG fraction
Clonality	Monoclonal

Clone number	LN53
Isotype	IgG2c

Applications

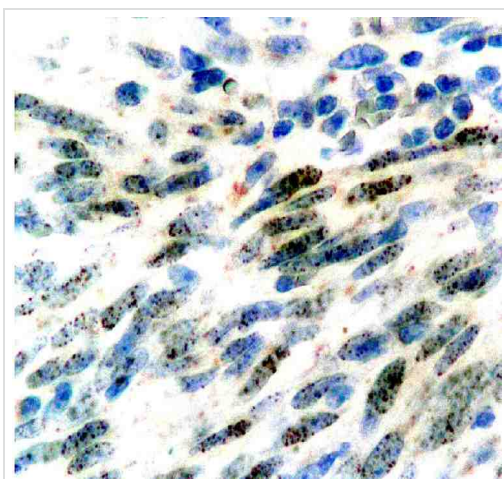
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab4103 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/25 - 1/50. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. ABC method.
IHC-Fr		1/25 - 1/50. ABC method.

Target

Relevance HHV8 has been found to be associated with three different diseases observed in AIDS patients; kaposi's sarcoma, primary effusion lymphoma (which is a rare type of non-Hodgkin lymphoma affecting the body cavities) and multicentric Castleman's disease. To date there is much evidence to support a direct role for HHV8 in kaposi's sarcoma.

Images



Cultured cells infected with HHV8, stained with HHV8 using ABC and DAB chromogen.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HHV8 antibody [LN53] (ab4103)

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