

Datasheet for Mob395-01**Herpesvirus 8 Monoclonal Antibody****Overview**

Description:	Anti-Herpesvirus 8 (RAT) Monoclonal Antibody - Mob395-01
Item No.:	Mob395-01
Size:	100 µL
Applications:	IHC
Reactivity:	Herpesvirus
Host Species:	Rat

Product Details

Background:	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. HHV8 is 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. HHV 8 is the likely etiological agent of Kaposi's sarcoma.
Synonyms:	Herpes, Herpesvirus, HHV8, latent nuclear antigen, LNA, viral gene orf 73
Host Species:	Rat
Clonality:	Monoclonal
Clone ID:	LN53
Format:	CCS

Target Details

Gene Name:	LANA1
Reactivity:	Herpesvirus
Immunogen Type:	Recombinant Protein
Immunogen:	Anti-Herpesvirus 8 Antibody was produced in rats by repeated immunizations with recombinant protein corresponding to the latent nuclear antigen-1 molecule of HHV8.

Purity/Specificity:	This antibody reacts with Herpesvirus 8. The antibody was clarified from tissue culture supernatant.
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Application Details

Tested Applications:	IHC
Application Note:	Anti-Herpesvirus 8 (RAT) Monoclonal Antibody was tested in IHC-P with positive control Kaposi sarcoma tissues. Cellular Localization: Nuclear. The user is advised to validate the use of the products with their tissue specimens prepared and handled in accordance with their laboratory practices. Consult references (Kiernan, 1981; Sheehan & Hrapchak, 1980) for further details on specimen preparation.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
IHC:	1:50-1:100

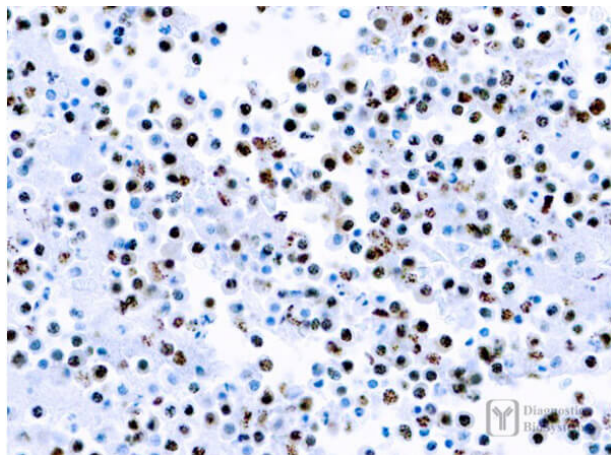
Formulation

Physical State:	Liquid
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store at 2-8°C. This antibody is suitable for use until the expiration date when stored at 2-8°C. Do not use product after the expiration date printed on vial. If reagents are stored under conditions other than those specified here, they must be verified by the user. Diluted reagents should be used promptly. Unused portions of antibody preparation should be discarded after one day. The presence of precipitate or an unusual odor indicates that the antibody is deteriorating and should not be used.

Images

**Immunohistochemistry**

Immunohistochemistry of Rat Anti-Herpesvirus 8 Antibody.
Formalin fixed paraffin embedded Kaposi sarcoma tissue.
Anti-Herpesvirus 8 at 1:50-1:100 for 30mins at RT.
Pretreatment: EDTA buffer pH 8.0.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.