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Datasheet for ABIN644979
anti-EBV LMP2A antibody

Overview

Quantity:	0.25 mg
Target:	EBV LMP2A
Reactivity:	Epstein-Barr Virus (EBV)
Host:	Rat
Conjugate:	This EBV LMP2A antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Western Blotting (WB)

Product Details

Immunogen:	Bacterial TrpE-LMP2A fusion protein
Isotype:	IgG2a
Specificity:	<p>DS-MB-03627 recognizes latent membrane protein 2A (LMP2A) of Epstein-Barr virus (EBV). EBV is a human herpes virus, which is associated with conditions such as Hodgkin's disease and Burkitt's Lymphoma and is the causative agent in mononucleosis in adolescents. EBV latently infects B lymphocytes. Infected B cells express EBV nuclear antigens and latent proteins LMP1, LMP2A and LMP2B. LMP2A forms aggregates in the plasma membranes of B lymphocytes, where it functions as a negative regulator of the Src and Syk protein tyrosine kinases. Studies show that LMP2A blocks B-cell receptor (BCR) signal transduction in EBV immortalized B cells in vitro and may play an important role in maintaining a latent EBV infection within the peripheral blood B cells of infected individuals. DS-MB-03627 specifically recognizes LMP2A and does not cross react with LMP2B.</p>
Characteristics:	Rat Anti-Epstein-Barr Virus LMP2A
Purification:	Purified

Target Details

Target:	EBV LMP2A
Alternative Name:	Epstein-Barr Virus LMP2A (EBV LMP2A Products)
Target Type:	Viral Protein

Application Details

Restrictions:	For Research Use only
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Handling

Concentration:	IgG concentration 1.0 mg/ml
Buffer:	Phosphate buffered saline
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C