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Datasheet for ABIN472092
anti-EBV LMP2A antibody

Overview

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

Product Details

Immunogen:	Bacterial TrpE-LMP2A fusion protein. Type of Immunogen: Fusion protein
Clone:	15F9
Isotype:	IgG1
Specificity:	Recognizes latent membrane protein 2A (LMP2A) of Epstein-Barr virus (EBV). EBV is a human herpesvirus, 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

Product Details

may play an important role in maintaining a latent EBV infection within the peripheral blood B cells of infected individuals. Recognizes LMP2A and does not cross react with LMP2B.

Purification: Affinity purified

Target Details

Target: EBV LMP2A

Alternative Name: EBV LMP2A ([EBV LMP2A Products](#))

Target Type: Viral Protein

Application Details

Application Notes: Approved: IHC, IHC-P, WB (1:100 - 1:1000)

Usage: Immunohistology: This product requires antigen retrieval using heat treatment methods prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Comment: Target Species of Antibody: Epstein-Barr Virus

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.09 % sodium azide.

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: -20 °C

Storage Comment: Short term: -20°C
Long term: -20°C.