ARG22756
anti-EBV LMP2A antibody [15F9]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [15F9] recognizes EBV LMP2A This antibody recognizes latent membrane protein 2A (LMP2A) of Epstein-Barr virus (EBV). EBV is a Human herpesvirus, which is associated with conditions such as Hodgkinas disease and Burkittas 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. This antibody specifically recognizes LMP2A and does not cross react with LMP2B.
Tested Reactivity	EBV
Tested Application	IHC-P, WB
Host	Rat
Clonality	Monoclonal
Clone	15F9
Isotype	IgG1
Target Name	EBV LMP2A
Species	Virus
Immunogen	Bacterial TrpE-LMP2A fusion protein
Conjugation	Un-conjugated

Application Instructions

Application table

Application	Dilution
IHC-P	Assay-dependent
WB	1:100 - 1:1000

Application Note: IHC-P: Antigen Retrieval: Boil tissue section in Sodium citrate buffer (pH 6.0)
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% Sodium azide.
Preservative	0.09% Sodium azide
Concentration	1 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.