

AM00758PU-N**Monoclonal Antibody to Epstein Barr Virus / EBV LMP2A - Purified**

Alternate names:	HHV-4, HHV4
Quantity:	0.25 mg
Host / Isotype:	Rat / IgG1
Recommended Isotype Controls:	SM25P, SM25PX
Clone:	B235M
Immunogen:	Bacterial TrpE-LMP2A fusion protein. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from immunized Lou/C rats.
Format:	State: Liquid purified IgG Purification: Protein G chromatography Buffer System: PBS, pH 7.4 containing 0.09% Sodium azide
Applications:	Western blot: 1:100 - 1:1,000. Immunohistochemistry on paraffin sections: Requires antigen retrieval using heat treatment methods prior to staining of paraffin sections; Sodium citrate buffer, pH 6.0 is recommended. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes LMP2A. Does not cross react with LMP2B. LMP2A forms aggregates in the plasma membrane of B lymphocytes, where it functions as a negative regulator of the Src and Syk protein tyrosine kinases. Specifically recognizes LMP2A and does not cross react with LMP2B.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.