

Product datasheet for **AM05726PU-N**

Epstein Barr Virus / EBV (VCA) Mouse Monoclonal Antibody [Clone ID: 0231]

Product data:

Product Type:	Primary Antibodies
Clone Name:	0231
Applications:	IF
Recommended Dilution:	Immunofluorescence.
Reactivity:	Epstein Barr Virus
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody is specific for the viral capsid antigen of Epstein-Barr Virus (EBV), also known as Human Herpes Virus 4 (HHV-4), one of the most common Human viruses.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:

Epstein-Barr virus (EBV), also designated human herpesvirus 4 (HHV-4), is a member of the herpesvirus family and is one of the most common human viruses, infecting about 90% of the population. EBV infects only B lymphocytes and, though often asymptomatic, it can cause infectious mononucleosis, a disease characterized by fatigue, fever, sore throat and muscle soreness. The linear genome of EBV circularizes once it enters the cell and exists there as an episome. EBV may play a role in the development of both Burkitt lymphoma, a disease in which a tumor can form on the mandible or maxilla, and nasopharyngeal carcinoma, a tumor found in the upper respiratory tract, most commonly in the nasopharynx. The viral capsid antigen (VCA) of EBV is used as a marker for screening for viral infection as well as nasopharyngeal carcinoma, and many antigens from the viral capsid are used in diagnostic tests.

Synonyms:

HHV4, HHV-4