

## Product datasheet for **BM3118**

### Epstein Barr Virus / EBV Early Antigen-D Mouse Monoclonal Antibody [Clone ID: 261]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	261
Applications:	IF, WB
Recommended Dilution:	Suitable for use in IFA, Western blot, and Immunohistochemistry (weak, antigen retrieval required).
Reactivity:	Epstein Barr Virus
Host:	Mouse
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Recombinant EB early antigen-diffuse.
Specificity:	This antibody is specific for the "Early antigen-diffuse" (EA-D) 50-52 kD of EBV.
Formulation:	0.01M PBS, pH 7.2 containing 0.09% Sodium Azide as preservative and no stabilizers. State: Purified State: Liquid purified Ig fraction (> 90% pure).
Concentration:	lot specific
Purification:	Protein A Chromatography.
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Background:	EBV is a human herpesvirus, which is associated with conditions such as Hodgkins disease and Burkitts 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.



[View online »](#)

Synonyms: HHV4, HHV-4