

Product datasheet for **BM1079S**

Epstein Barr Virus / EBV Early Antigen Mouse Monoclonal Antibody [Clone ID: 1108-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1108-1
Applications:	IF, IHC, IP
Recommended Dilution:	Immunofluorescence. Immunoprecipitation. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections. <i>Recommended Positive Control:</i> Chemically induced Raji cells. This antibody produces an intense diffuse and speckled staining pattern detectable in the nucleus of paraformaldehyde/acetone fixed cells expressing the EBV early nuclear antigen.
Reactivity:	Epstein Barr Virus
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Immunoprecipitated EBV early antigens.
Specificity:	This Monoclonal antibody clone <i>1108-1</i> recognizes a 55:50 kilodalton polypeptide associated with the early antigen of Epstein-Barr virus (EBV). p55 has been shown to be a phosphoprotein and p55:50 has strong DNA-binding activity preferentially to single-stranded DNA.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.05% 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: The Epstein-Barr virus is the causative agent of infectious mononucleosis and is associated with two human neoplasms, Burkitt's lymphoma and nasopharyngeal carcinoma. Several EBV-related antigens associated with early or late functions of the viral genome have been identified. The early antigen may be virally or chemically induced in EBV infected cells and is the first detectable marker of EBV infection in human cells.

Synonyms: HHV4, HHV-4