



Anti-EBV Monoclonal antibody, Clone CDI507 (DMAB3337)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Epstein Barr Virus (EBV) Early Antigen (BAM HI-Z) zeta protein
Specificity	Recognizes Epstein Barr virus. Specific for the early antigen (BAM HI-Z) zeta protein
Target	EBV
Immunogen	Infected cell lysate
Isotype	IgG2
Source/Host	Mouse
Species Reactivity	EBV
Clone	CDI507
Affinity Constant	Not determined
Purification	>90% pure. Protein A chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA, Western blot, IHC (paraffin embedded sections require antigen retrieval) and Immunoprecipitation. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	100ug/ml (OD280nm, E0.1% = 1.3)

Size	1 mg
Buffer	0.01M PBS, pH 7.2
Preservative	0.1% Sodium Azide
Storage	Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	<p>The Epstein–Barrvirus (EBV), also called human herpesvirus 4 (HHV-4), is a virus of the herpes family, which includes herpes simplex virus 1 and 2, and is one of the most common viruses in humans. It is best known as the cause of infectious mononucleosis. It is also associated with particular forms of cancer, particularly Hodgkin's lymphoma, Burkitt's lymphoma, nasopharyngeal carcinoma, and central nervous system lymphomas associated with HIV. Finally, there is evidence that infection with the virus is associated with a higher risk of certain autoimmune diseases, especially dermatomyositis, systemic lupus erythematosus, rheumatoid arthritis, Sjögren's syndrome, and multiple sclerosis.</p>
Keywords	<p>EBV Bam HI-Z; Epstein Barr virus; Epstein Barr virus Bam HI Z; Herpesviridae; Gamma herpesvirinae; Lymphocryptovirus; Human herpesvirus 4 (HHV-4)</p>