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12-8371: Anti-Epstein-Barr Virus, VCA (EBV-5102)

Clonality :	Monoclonal
Clone Name :	EBV-5102
Application :	IF
Alternative Name :	Hybridoma Monoclonal Antibody
Isotype :	Mouse IgG1

Description

Specificity: Anti-EBV (Clone EBV-5102) is specific for the viral capsid antigen (VCA).
Antigen: Viral Capsid Antigen (VCA)
Background: Epstein-Barr virus (EBV) is an enveloped DNA virus that is a member of the herpes virus family and is also known as Human gammaherpesvirus 4. It is one of the most common human viruses, with most people being infected at some point during their lives. EBV is transmitted through saliva, and infections are most common in childhood and adolescence. While many people who are infected with EBV will not experience any symptoms, others may develop infectious mononucleosis (commonly known as "mono" or the "kissing disease"), a condition characterized by fever, sore throat, swollen lymph nodes, and fatigue. The virus primarily infects B cells and once the initial infection is controlled by the immune system, the virus becomes latent which can lead to a recurrence later in life if the virus is reactivated. EBV has been causally associated with various types of cancer (known collectively as EBV-associated tumors) including Hodgkin?s disease, nasopharyngeal carcinoma, and Burkitt?s lymphoma.

Product Info

Amount :	250µg
Purification :	Purity :>=90% Preparation : This monoclonal antibody is purified by protein A chromatography or sequential differential precipitations.
Content :	Concentration: >=1.0 mg/ml Formulation: Formulated in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.
Storage condition :	This purified antibody is stable when stored at 2-8°C.?Do not freeze.

Application Note

IF: 1:10-1:50

For Research Use Only. Not for use in diagnostic/therapeutics procedures.