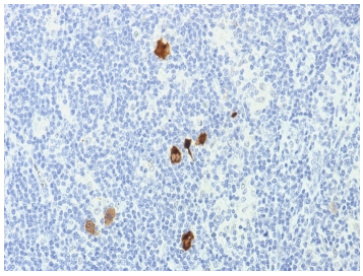
EBV Antibody Cocktail / Epstein-Barr Virus / LMP-1 [clone CS1-4] (V8335)

Catalog No.	Formulation	Size
V8335-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8335-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8335SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	EBV
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CS1-4
Purity	Protein G affinity chromatography
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This EBV antibody cocktail is available for research use only.



IHC staining of FFPE Hodgkin's Lymphoma with EBV antibody cocktail (clone CS1-4). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.

Description

This antibody cocktail is a mixture of four different monoclonal antibodies (CS1 + CS2 + CS3 + CS4). It is specific to 60kDa latent membrane protein (LMP-1) encoded by the BNLF1 gene of the EBV. Each clone reacts with different epitopes on the hydrophilic C-terminus of the cytoplasmic domain of LMP-1. The cocktail stains strongly with EBV-positive

lymphoblastoid cell lines and EBV infected B cell immunoblasts in infectious mononucleosis. EBV, also designated human herpesvirus 4 (HHV-4), is a member of the herpesvirus family and is one of the most common human viruses. EBV infects B cells and, though often asymptomatic, it can cause infectious mononucleosis, a disease characterized by fatigue, fever, sore throat and muscle soreness.

Application Notes

Optimal dilution of the EBV antibody cocktail should be determined by the researcher.

Immunogen

Recombinant fusion protein containing the sequence of bacterial beta-galactosidase and the carboxyl half of EBV-encoded LMP was used as the immunogen for the EBV antibody cocktail.

Storage

Store the EBV antibody cocktail at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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