Epstein-Barr Virus (LMP-1) Antibody

Mouse Monoclonal Antibody [Clone CS4]

Catalog No	Format	Size
MSM5-1744-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM5-1744-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM5-1744-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

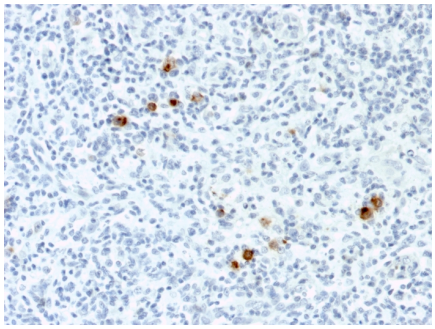
Applications	Tested Dillution	Note
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

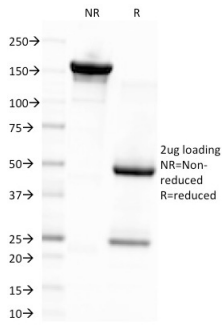
Clone	CS4
Gene Name	N/A
Immunogen	Recombinant fusion protein containing the sequence of bacterial beta-galactosidase and the carboxyl half of EBV-encoded LMP
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	60kDa
Cellular Localization	N/A
Species Reactivity	EBV
Positive Control	EBV-infected cells. Tissues.

**Optimal dilution for a specific application should be determined.*

Product Images for Epstein-Barr Virus (LMP-1) Antibody



Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained withEBV Mouse Monoclonal Antibody (CS4).



SDS-PAGE Analysis of Purified EBV Mouse Monoclonal Antibody (CS4). Confirmation of Integrity and Purity of Antibody.

Specificity & Comments

This antibody is a mixture of four different monoclonal antibodies. This antibody 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. This antibody 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.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.