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Certificate of Analysis and Data Sheet

MOUSE ANTI EPSTEIN-BARR VIRUS LMP

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01239

Target Species
Virus

Isotype
IgG1

Preparation

Immunogen: Recombinant fusion protein of bacterial beta-galactosidase and EBV LMP-1

Fusion Partners: Spleen cells from immunised mice were fused with cells of the mouse X63-Ag8.653 myeloma cell line.

Specificity

DS-MB-01239 is a cocktail of 4 antibodies recognizing different epitopes of Epstein Barr Virus Latent Membrane Protein (LMP).

This reagent stains EBV positive lymphoblastoid cell lines and EBV infected B cells in infectious mononucleosis.

Immunohistology: * This product requires protein digestion pre-treatment of paraffin sections e.g. trypsin.

Formulation

Product Type: Monoclonal Antibody

Product Form: Tissue Culture Supernatant – lyophilized

Preservatives & Stabilizers: 15mM Sodium azide

Reconstitution: Reconstitute with 1.0 ml distilled water

Storage

Prior to reconstitution store at +4°C. Following reconstitution store at -20°C if preferred.

This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA (Direct)			.	
Western Blotting			.	
Immunohistology - frozen	.			1:100 – 1:200
Immunohistology - paraffin	.			1:100 – 1:200
Immunohistology - resin			.	
Immunoprecipitation			.	
Radio Immunoassays			.	
Immunofluorescence staining			.	
Functional Assays			.	

Note (1) Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	.			1:5000-1:10000

Reference

Murray, P.G. et al. (1992) Immunohistochemical demonstration of the Epstein Barr virus-encoded latent membrane protein in paraffin sections of Hodgkin's disease. J. Pathol. 166: 1-5.

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