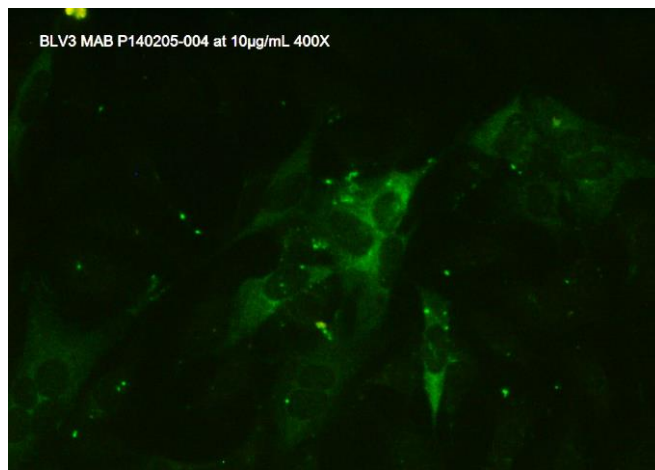


CERTIFICATE OF ANALYSIS

BLV3

Monoclonal Antibody

Catalog No.:	BLV3
Lot:	P140205-004
Isotype:	IgG ₁
Expiration:	1 year when stored at 2-7°C



Specificity:

Bovine Leukemia Virus (BLV) MAb Ascites p24 IgG₁
Isotype.

Known Applications:

Radioimmunoprecipitation, Western blot, antigen capture, ELISA, immunoaffinity chromatography.

Description:

This monoclonal antibody is produced as mouse ascites fluid, clarified by centrifugation, and filtered through a 0.2 µm filter. The antibody concentration is 1.0 mg/ml, in phosphate-buffered saline (PBS), stabilized with 4 mg/ml bovine serum albumin (BSA), and preserved with 0.09% sodium azide (NaN₃).

Quality Control Method:

Indirect FA using BLV 12-well slide (catalog no. SLD-IFA-BLV), isotype control IgG₁ and anti-murine IgG affinity purified conjugate (catalog no. CJ-F-MURG-AP-1ML or 10ML). Mouse immunoglobulins IgG₁ kit.

Specific Reaction: 1-4+ fluorescence at 100 µg/ml with an endpoint concentration less than 1.0 µg/ml. The RID test results showed a concentration of 0.996 mg/ml.

Other Comments: NA

Pattern Of Fluorescence:

Smooth, undifferentiated cytoplasmic fluorescence, cytoplasmic punctate inclusions in single cells and small syncytia (3-6 nuclei).

Storage:

This monoclonal antibody is provided in liquid form and should be stored at 2-7°C. DO NOT FREEZE!

References:

Basu I, et al. Antiviral Activity of Shiga Toxin Requires Enzymatic Activity and Is Associated with Increased Permeability of the Target Cells. Infect Immun. 2003 January; 71(1): 327-334.

FOR IN VITRO LABORATORY USE ONLY.

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28 March 2014