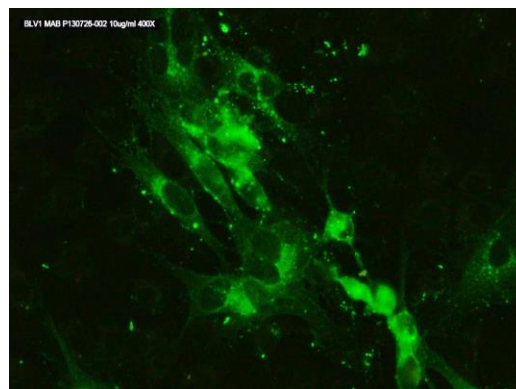


CERTIFICATE OF ANALYSIS

BLV1

Monoclonal Antibody

Catalog No.:	BLV1
Lot:	P130726-002
Isotype:	IgG ₁



Specificity:

Bovine Leukemia Virus

Known Applications:

Radioimmunoprecipitation, 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-Mouse IgG AP Conjugate (catalog no. CJ-F-MURG-AP-1ML or 10ML). Mouse Immunoglobulins IgG₁ RID kit.

Specific Reaction: 1-4+ fluorescence at 10 µg/ml with no background and an endpoint concentration less than 0.1 µg/ml. The isotype control was negative with no background. The RID showed a concentration of 1.12 mg/ml.

Other Comments: NA

Pattern Of Fluorescence:

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

Storage:

When the vial is stored at 2-7°C, it should be stable for one year.

References: NA

FOR IN VITRO LABORATORY USE ONLY.

H:\Master Documents\COA (VMRD)\Monoclonal\BLV1\BLV_P130726-002.docx

13 April 13, 2021