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Certificate of Analysis

Monoclonal Antibody

Cell Line: BLV1

Specificity: Bovine Leukemia Virus

Isotype: IgG₁

Known Virus Reactivity: Anti-gp51; recognizes the G epitope; conformational.

Known Applications: Radioimmunoprecipitation, flow cytometry, antigen capture, ELISA, immunoaffinity chromatography.

References:

Monti, G.M., *et al.* Evaluation of a new antibody-based enzyme-linked immunosorbent assay for the detection of bovine leukemia virus infection in dairy cattle. *J. Vet. Diagn. Invest.* 17(5):451-457 (Sept. 2005).

Altreuther, G., *et al.* Morphologic and functional changes in bovine monocytes infected *in vitro* with the bovine leukaemia virus. *Scand. J. Immunol.* 54(5):459-469 (Nov. 2001).

Description and Handling: This monoclonal antibody is produced as mouse ascites fluid, clarified by centrifugation, and filtered through a 0.2 μM filter. The concentration is 1.0 mg/ml in phosphate-buffered saline, preserved with sodium azide.

Storage: When the vial is stored at 2-8°C, it should be stable for one year.

FOR IN VITRO LABORATORY USE ONLY.

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