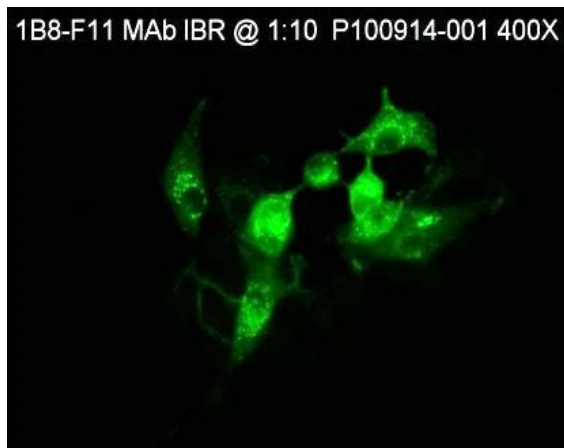


CERTIFICATE OF ANALYSIS

1B8-F11

Monoclonal Antibody

Catalog No. / Cell Line:	1B8-F11
Lot:	P100914-001
Isotype:	IgG ₁



Specificity:

Reacts with an immunodominant glycoprotein gD (gIV) (77 K) of Bovine Herpesvirus 1 (Infectious Bovine Rhinotracheitis Virus). Reacts with Bovine Herpesvirus 5. Does not cross-react with Feline Herpesvirus gD.

Known Applications:

ELISA, immunoblot, and indirect immunofluorescence.

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 VMRD, Inc. IBR/BHV-1 12-well slide (catalog no. SLD-IFA-IBR), Isotype Control IgG₁ (1.0 mg/ml), and Anti-Mouse IgG FITC Conjugate (catalog no. CJ-F-MURG-AP-10ML).

Specific Reaction: 3-4+ fluorescence at 100 µg/ml with no background and an endpoint concentration of 1+ at 0.1 µg/ml and the isotype control was negative at 100 µg/ml.

Other Comments: NA

Pattern of Fluorescence:

Reference: Primarily undifferentiated cytoplasmic with some nuclear fluorescence, especially in rounded cells and degenerating cells in plaques with acellular centers.

Storage:

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

References:

Katz, J., *et al.* Antigen Assessment of Adjuvanted Bovine Herpesvirus I Vaccines Using Monoclonal ELISA and Immunoblotting Approaches. *69th Conf. Res. Workers Anim. Dis.* p. 54, 1987.

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