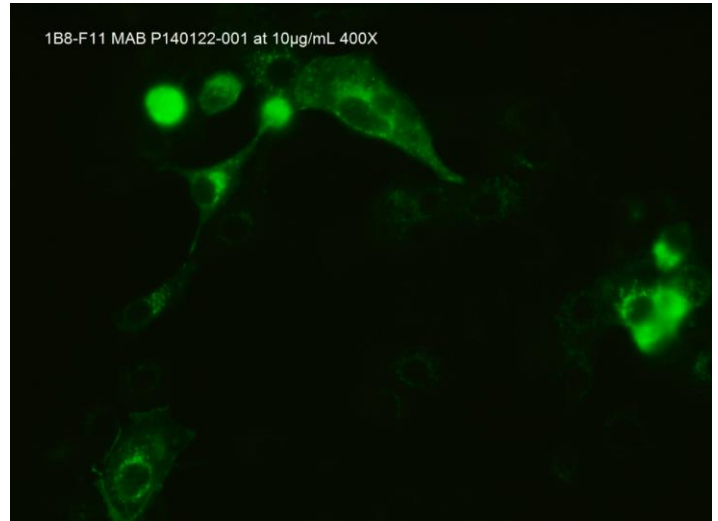


**CERTIFICATE OF ANALYSIS**

1B8-F11

Monoclonal Antibody

Catalog No.:	1B8-F11
Lot:	P140122-001
Isotype:	IgG <sub>1</sub>
Expiration:	1 year when stored at 2-7°C



**Specificity:**

Reacts with an immunodominant glycoprotein gD (gIV) (77 Herpesvirus Type 1 (BHV-1/IBR) MAb Ascites gD-gIV IgG<sub>1</sub> Reacts with Bovine Herpesvirus 5. Does not cross-react w 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 (NaN<sub>3</sub>).

**Quality Control Method:**

Indirect FA using BHV-1/IBR 12-well slide (catalog no. SLD-IFA-IBR), isotype control IgG<sub>1</sub>, and anti-murine IgG FITC conjugate (catalog no. CJ-F-MURG-AP-1ML or 10ML). Mouse RID kit IgG<sub>1</sub>.

**Specific Reaction:** 3-4+ fluorescence at 100 µg/ml with no background. The endpoint concentration is less than 0.01 µg/ml. The isotype control was negative with no background. The RID results showed a concentration of 0.990 mg/ml.

**Other Comments:** NA

**Pattern Of Fluorescence:**

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

**Storage:**

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

**References:**

Katz, J., *et al.* Antigen Assessment of Adjuvanted Bovine Herpesvirus 1 Vaccines Using Monoclonal ELISA and Immunoblotting Approaches. *69<sup>th</sup> Conf. Res. Workers Anim. Dis.* p. 54, 1987.

FOR *IN VITRO* LABORATORY USE ONLY.

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10 February 2014