

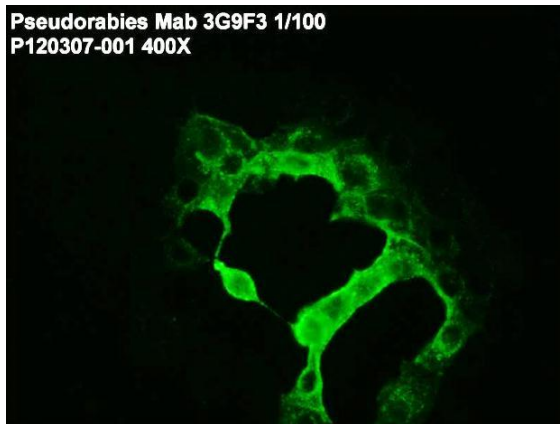
CERTIFICATE OF ANALYSIS

3G9F3

Monoclonal Antibody

Catalog No. / Cell Line:	3G9F3
Lot:	P120307-001
Isotype:	IgG _{2b}

Pseudorabies Mab 3G9F3 1/100
P120307-001 400X



Specificity:

Reacts with a major immunodominant glycoprotein of Pseudorabies Virus (PRV). Specific for the gIII protein by radio immunoprecipitation.

Known Applications:

Immunoprecipitation and fluorescent antibody assays.

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 PRV 12-well slide (In House), Isotype Control IgG_{2b} (1.0 mg/ml), and Anti-Mouse AP Conjugate (catalog no. CJ-F-MURG-AP-10ML). The concentration was tested in RID with a mouse Immunoglobulins kit IgG_{2b}.

Specific Reaction: 3-4+ fluorescence at 10 µg/ml with an endpoint titer less than 0.1 µg/ml. The isotype control was negative with no background. The RID results showed a concentration of 1.1 mg/ml.

Other Comments: NA

Pattern of Fluorescence:

Plaques of infected cells exhibiting granular cytoplasmic fluorescence with occasional nuclear staining.

Storage:

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

References:

Ramos-Vara, J.A., and M.E. Beissenherz. Optimization of immunohistochemical methods using two different antigen retrieval methods on formalin-fixed, paraffin-embedded tissues: Experience with 63 markers. *J. Vet. Diagn. Invest.* 12(4):307-311 (July 2000).

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30 April 2012