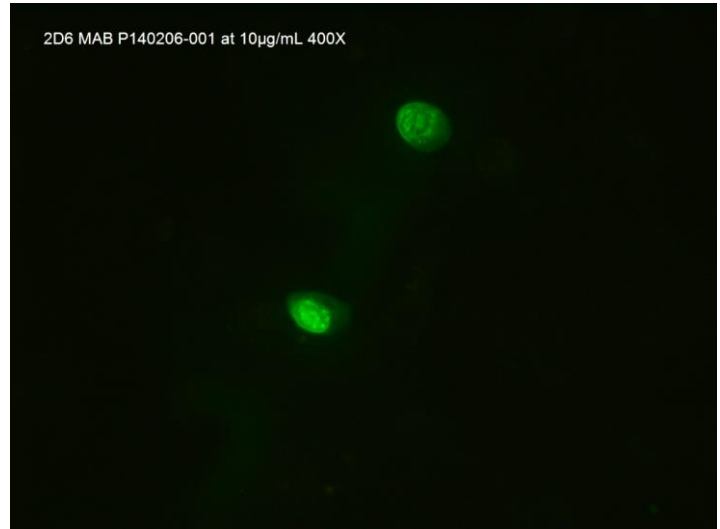


CERTIFICATE OF ANALYSIS

2D6

Monoclonal Antibody

Catalog No.:	2D6
Lot:	P140206-001
Isotype:	IgG _{2b}
Expiration:	1 year when stored at 2-7°C



Specificity:

Nucleocapsid protein of Porcine Reproductive and Respiratory Syndrome Virus (PRRSV-NA). Reacts with 45 of 49 North American isolates, including Quebec LHVA-93-3, MN-1b, three NVSL isolates, vaccine strains RespPRRSR (Boehringer Ingelheim) and Prime PacR PRRSV (Schering Plough). Does not react with the European strain, LV.

Known Applications:

Immunoperoxidase, indirect immunofluorescence and immunoprecipitation assays. Reactive to PRRSV antigen in formalin-fixed tissue. Not suitable for virus neutralization or Western blot.

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 PRRSV-NA 12-well slide (catalog no. SLD-IFA-PRRS-NA), isotype control IgG_{2b} and anti-murine IgG affinity purified FITC conjugate (catalog noCJ-F-MURG-AP-1ML or 10ML). Mouse Immunoglobulins IgG_{2b} kit.

Specific Reaction: 2-4+ fluorescence at 1.0 µg/ml with an endpoint concentration less than 0.01 µg/ml. The isotype control was negative with no background. The RID test results showed a concentration of 1.121 mg/ml.

Other Comments: NA

Pattern Of Fluorescence:

Granular and diffuse fluorescence on cytoplasm, membrane, and occasional nuclear and cytoplasmic inclusions.

Storage:

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

References: NA

FOR *IN VITRO* LABORATORY USE ONLY.

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10 March 2014