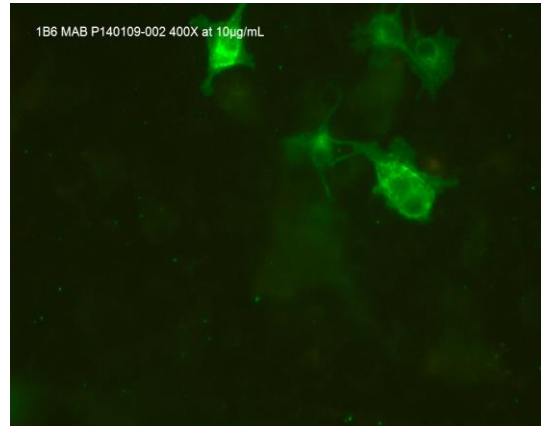


CERTIFICATE OF ANALYSIS

1B6

Monoclonal Antibody

Catalog No.:	1B6
Lot:	P140109-002
Isotype:	IgG _{2a}
Expiration:	1 year when stored at 2-7°C



Specificity:

Parainfluenza Virus Type 3 (PI-3) MAb Ascites p69
IgG_{2a} Isotype.

Known Applications:

Virus neutralization¹, hemagglutination inhibition¹, 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 PI-3 12-well slide (catalog no. SLD-IFA-PI3), isotype IgG_{2a}, and anti-murine FITC affinity purified conjugate (catalog no. CJ-F-MURG-AP-1ML or 10ML). Mouse RID kit IgG_{2a}.

Specific Reaction: 2-4+ fluorescence at 100 µg/ml with an endpoint of trace to 1+ at 0.01 µg/ml. The isotype control was negative with no background. The concentration tested by RID was determined to be 0.928 mg/ml.

Other Comments: NA

Pattern Of Fluorescence:

Small, bright spherical cytoplasmic inclusions in syncytia and single cells.

Storage:

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

References:

¹Dr. Harish Minocha, unpublished information, 2001.

²Panigrahi P, Mohanty SB, Maheshwan rK, et al. Structural proteins of bovine parainfluenza-3 virus. *Vet Microbio.* 987;13(3):205-10.

FOR *IN VITRO* LABORATORY USE ONLY.

H:\Quality VMRD\QC\CofA\Monoclonals\1B6\1B6_P140109-002.docx

27 January 2014