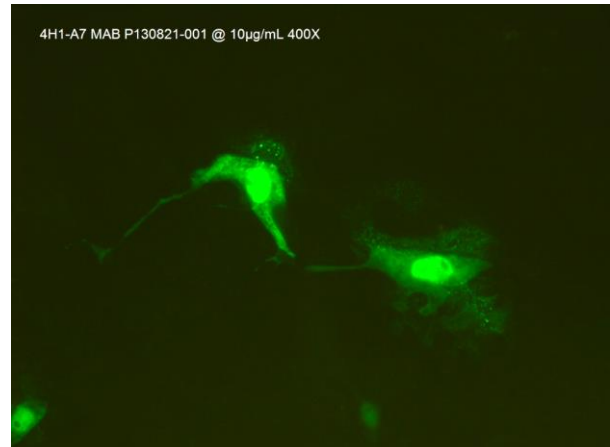


**CERTIFICATE OF ANALYSIS**

4H1-A7

Monoclonal Antibody

Catalog No.:	4H1-A7
Lot:	P130821-001
Isotype:	IgG <sub>2a</sub>
Expiration:	1 year when stored at 2-7°C



**Specificity:**

Canine Adenovirus Type 2 (CAV-2) MAb Ascites IgG<sub>2a</sub> Isotype.

**Known Applications:**

Virus neutralization.

**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:**

IFA using CAV-2 12-well slide (catalog no. SLD-IFA-CAV2), IgG<sub>2a</sub> isotype control, and anti-mouse IgG affinity purified conjugate (catalog no. CJ-F-MURG-AP-1ML or 10ML). Mouse immunoglobulin IgG<sub>2a</sub> kit.

**Specific Reaction:** 3-4+ fluorescence at 10 µg/ml on the CAV-2 slide. The endpoint titer was trace to 1+ at 0.01 µg/ml. The isotype control was negative, no background. RID results showed a concentration of 0.943 mg/ml.

**Other Comments:** NA

**Pattern Of Fluorescence:**

Bright and diffuse nuclear fluorescence with granular cytoplasmic fluorescence.

**Storage:**

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

**References:**

Whetstone, C.A. Monoclonal antibodies to canine adenovirus 1 and 2 that are type-specific by virus neutralization and immunofluorescence. *Vet. Microbiol.* 16(1):1-8 (Jan. 1988).

Whetstone, C.A. Should the criteria for species distinction in adenoviruses be reconsidered? Evidence from canine adenoviruses 1 and 2. *Intervirology* 23(2):116-120 (1985).

FOR IN VITRO LABORATORY USE ONLY.

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15 October 2013