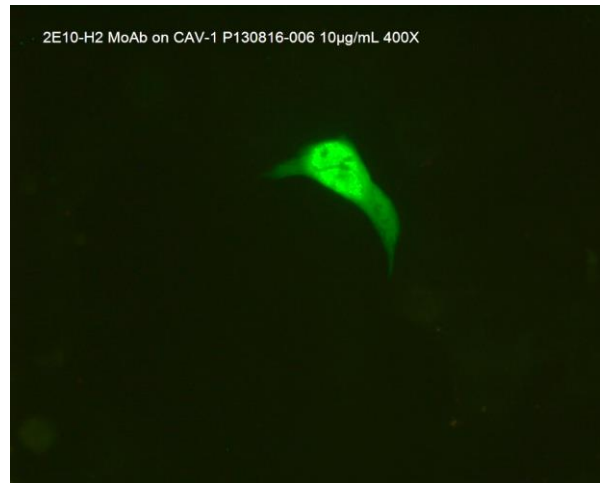


CERTIFICATE OF ANALYSIS

2E10-H2

Monoclonal Antibody

Catalog No.:	2E10-H2
Lot:	P130816-006
Isotype:	IgG ₁
Expiration:	1 year when stored at 2-7°C



Specificity:

Canine Adenovirus Type 1 (CAV-1) MAb Ascites IgG₁ 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 (NaN₃).

Quality Control Method:

Indirect FA using CAV-1 in house slide, IgG₁ isotype control, and anti-murine IgG affinity purified conjugate (catalog no. CJ-F-MURG-AP-1ML or 10ML). Mouse Immunoglobulins IgG₁ kit.

Specific Reaction: 2-4+ fluorescence at 100 µg/ml with an endpoint titer of trace to 1+ at 0.01 µg/ml. The isotype control was negative with no background. The RID results showed a concentration of 1.146 mg/ml.

Other Comments: NA

Pattern Of Fluorescence:

Bright nuclear staining with moderate diffuse 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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11 December 2013