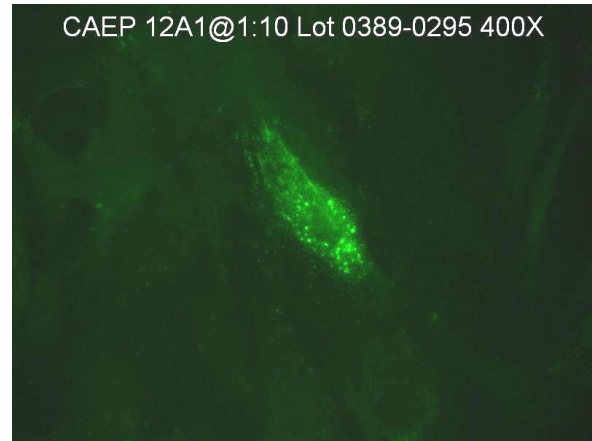


CERTIFICATE OF ANALYSIS

CAEP12A1

Monoclonal Antibody

Catalog No. / Cell Line:	CAEP12A1
Lot:	0389-0295
Isotype:	IgG ₁



Specificity:

Caprine Arthritis Encephalitis Virus (CAEV)

Known Applications:

Immunoprecipitation and immunofluorescence.

Description:

This monoclonal antibody is produced as mouse ascites fluid, clarified by centrifugation, and filtered through a 0.22 µm filter. The antibody concentration is 1.0 mg/ml, in phosphate-buffered saline (PBS), and preserved with 0.09% sodium azide (NaN₃).

Quality Control Method:

IFA using CAEV In House 12-well slide, Isotype Control IgG₁, and Anti-Mouse IgG FITC Conjugate (catalog no. CJ-F-MURG-AP-1ML or 10ML).

Specific Reaction: 4+ fluorescence at 100 µg/ml with an endpoint concentration between 10 µg/ml and 1 µg/ml.

Other Comments: NA

Pattern of Fluorescence:

Dusty and particulate cytoplasmic fluorescence of multinucleated and single cells.

Storage:

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

References:

McGuire, T.C., *et al.* Antigenic and structural variation of the p28 core polypeptide of goat and sheep retroviruses. *J. Gen. Virol.* 68(8):2259-2263 (Aug. 1987).

Cell Line	Ig Isotype	p28 Capsid Protein Reactivity				
		CAEV-63	CAEV-Co	VV*	OPPV*	Control
CAEP5A1	IgG ₁	+	+	+	+	-
CAEP10A1	IgG ₁	+	+	+	-	-
CAEP8B1	IgG ₁	+	+	+	-	-
CAEP13B1	IgG ₁	+	+	-	-	-
CAEP12A1	IgG ₁	+	-	-	-	-

*VV = Visna Virus; OPPV = Ovine Progressive Pneumonia Virus.

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