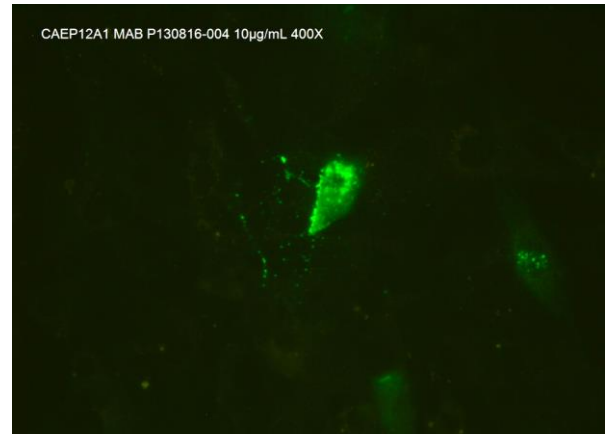


CERTIFICATE OF ANALYSIS

CAEP12A1

Monoclonal Antibody

Catalog No.:	CAEP12A1
Lot:	P130816-004
Isotype:	IgG ₁
Expiration:	1 year when stored at 2-7°C



Specificity:

Caprine Arthritis Encephalitis Virus (CAEV) MAb
Ascites CAEV-63 IgG₁ Isotype.

Known Applications:

Immunoprecipitation and 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 CAEV in house 12-well slide, isotype control IgG₁, and anti-murine IgG FITC affinity purified conjugate (catalog no. CJ-F-MURG-AP-1ML or 10ML). Mouse immunoglobulin IgG₁ kit.

Specific Reaction: 2-4+ fluorescence at 100 µg/ml with an endpoint concentration between 1.0 µg/ml and 0.1 µg/ml. The isotype control was negative with no background. The RID results showed a concentration of 1.114 mg/ml.

Other Comments: NA

Pattern Of Fluorescence:

Dusty and particulate cytoplasmic fluorescence of multinucleated and single cells.

Storage:

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

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.

FOR *IN VITRO* LABORATORY USE ONLY.

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7 January 2014